Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

Volume 130 | SEPTEMBER 7, 1936 | Number 10

CREOSOTE OILS

Cliffs Dow

Acetic Acid | Ferrous Acetate (Iron Liquor) | Methanol
Activated Carbon | Hardwood Pitch | Methyl Acetone
Charcoal | Hardwood Tar | Propionic Acid

DEVOTED TO THE EXCLUSIVE PRODUCTION OF WOOD CHEMICALS AND ALLIED PRODUCTS

CLIFFS DOW CHEMICAL COMPANY
MARQUETTE, MICHIGAN

WAREHOUSES

New York | Buffalo | Baltimore | Philadelphia | Pittsburgh
Cleveland | Detroit | Cincinnati | Louisville | Minneapolis
Chicago | St. Louis | Kansas City

ROLLS CHEMICAL COMPANY

ELLICOTT SQUARE BUILDING, BUFFALO, N. Y. Established 1915
INDUSTRIAL CHEMICALS AND RAW MATERIALS
Warehouses - Buffalo - Rochester - Syracuse - Utica, N. Y.

QUININE

Sulphate and Minor Salts

CINCHONINE CINCHONIDINE QUINIDINE
and their Salts

"MAARSSEN" BRAND

"AMSTERDAM" BRAND

◆ ◆ ◆

CAFFEINE ALKALOID

"SANKA" BRAND

◆ ◆ ◆

DISTRIBUTED BY

R.W. GREEFF & CO., Inc.

10 EAST 40th STREET NEW YORK CITY

WM. S. GRAY & CO.

342 MADISON AVENUE
NEW YORK CITY

U. S. P.
FORMALDEHYDE
40% by Volume

DU PONT
REG. U. S. PAT. OFF.

PURE SYNTHETIC
METHANOL
MERITS YOUR CONSIDERATION

◆

BECAUSE OF ITS HIGH PURITY AND UNIFORMITY, DU PONT SYNTHETIC METHANOL HAS BEEN FOUND APPLICABLE TO MANY NEW INDUSTRIAL USES. AS A SOLVENT ITS ECONOMY IS PROVEN.

◆

WRITE FOR PARTICULARS
E. I. DU PONT DE NEMOURS & CO., INC.
NATIONAL AMMONIA DIVISION
Frankford, Philadelphia, Pennsylvania
Empire State Bldg. New York, N. Y. | 3600 N. Broadway St. Louis, Mo.

20 MULE TEAM

Guaranteed 99½% to 100% Pure

BORAX
BORIC ACID

Refined and U. S. P.

» Crystal » Granulated » Powdered » Impalpable »
» Calcined Borax Glass » Manganese Borate » Anhydrous Ammonium Borate »

Samples on request

PACIFIC COAST BORAX COMPANY
Dept. Q
51 Madison Avenue, New York
CHICAGO LOS ANGELES

Denatured Alcohol

—All Formulae—
Synasol, a proprietary solvent

ETHYL Alcohol, produced by Carbide and Carbon Chemicals Corporation, is a product of uniformly high quality. It is available in all of the specially and completely denatured formulae. The proprietary solvent is offered under the trademark, "Synasol." Prompt shipment of tank cars or drum lots (as authorized) can be made from our plants at Whiting, Indiana, and South Charleston, West Virginia. Drum stocks are also maintained at warehouses.

Among the other alcohols manufactured by Carbide and Carbon Chemicals Corporation are the following: Methanol, Isopropanol, Butanol, Hexanol, Methyl Amyl Alcohol and Octyl Alcohol.

Complete information on request.

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

UCC

30 East 42nd Street, New York, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 130 | SEPTEMBER 7, 1936 | Number 10

F.W.D.A. Discusses Patman Act

Applications to Co-operatives Stressed in Address by Merrell—Officers Re-elected

MINNEAPOLIS, Sept. 3, 1936.

The Robinson-Patman amendment to the Clayton act, which is directed to the elimination of price-discriminations, was the major topic of discussion in the annual meeting of the Federal Wholesale Druggists Association which closed here today. Discussion of the Patman act was inaugurated at the open meeting of regular and associate (manufacturer) members of the association, Monday. The major feature was an

L. E. Seiberlich
Re-elected F.W.D.A. President

outline of the effects of the act by Mark Merrell, Washington.

Some 300 executives of co-operative wholesale drug houses and of manufacturers of drugs and cosmetics were present at the open meeting in the Hotel Nicollett. They were welcomed by Mayor Thomas E. Latimer after the session had been called to order by L. E. Seiberlich, president of the Northwestern Drug Company, this city.

Turner Currens, vice-president of the Norwich Pharmacal Company, as chairman of the associate members' group of the association, presided over the open meeting.

Reports of officers and committes and discussions of trade conditions occupied the sessions held since Monday. These were closed to all but regular members of the association.

Officers Re-elected

The apnual election for officers resulted in the return of the following:—

President, L. E. Seiberlich, of the Northwestern Drug Company, Minneapolis.

Vice-president, George A. Raab, of the Providence Wholesale Drug Company, Providence, R. I.

Secretary, R. E. Lee Williamson, of the Mutual Drug Company, Baltimore.

Treasurer, S. C. James, of the Ellicott Drug Company, Buffalo.

Patman Act and Co-operatives

In his comprehensive discussion of the Patman act and its application to various trade practices, Mark Merrell paid particular attention to the effects of the statute on the operations of co-operative wholesale druggists. In this respect he said:—

Section 4 of the law, which is of considerable interest to members of this association, reads as follows:—

"Nothing in this act shall prevent a cooperative association from returning to its members, producers or consumers the whole, or any part of, the net earnings or surplus resulting from its trading operations, in proportion to their purchases or sales from, to, or through the association."

There has been some argument concerning whether this section includes wholesale drug co-operatives, and I know that the members of this association hope that it does. Undoubtedly it will take a court interpretation to settle the question, and there may be a battle before such an interpretation is issued inasmuch as there are a number of arguments on both sides. It is possible, for instance, to read the

(Continued on page 37)

Synthetic Aromatics Imports Increase 48%

Artificial Musks and Heliotropin Chief Gainers — Methyl Anthranilate Drops

Imports of synthetic aromatic chemicals of coaltar origin, entered for consumption in the United States, increased almost 48 percent in volume in the first half of this year, in comparison with the first half of 1935. The six months' total this year, according to data compiled by the Department of Commerce, was 12,406 pounds, valued at $23,611. In the 1935 period, the total was 8,401 pounds, valued at $17,514.

Imports of certain individual items in the two six-month periods compared as follows:—

	Pounds 1.936.	Pounds 1935. (First 6 months.)
Amyl salicylate	234	11
Amylcinnamic aldehyde	103	252
Anisic aldehyde	37	307
Benzyl acetate	1,211	1,451
Cinnamic alcohol	535	431
Coumarin	563	...
Ethylvanillin	...	50
Heliotropin	1,249	...
Indol	109	130
Methyl anthranilate	150	1,496
Methyl benzoate	554	220
Methyl cinnamate	17	200
Methyl methylanthranilate	7	207
Methyl phenylacetate	10	10
Methylnaphthyl ketone	940	375
Musk ambrette	1,910	...
Musk xylol	1,975	...
Nerolin	501	320
Phenylacetic aldehyde	118	260
Phenylethyl alcohol	325	338
Phenylethyl phenylacetate	...	105
Vanillin	172	116

Patman Act Advice Offered By Proprietary Ass'n Counsel

Number of Timely 'Do's' and 'Dont's' Contained in Opinion—Much of Difficulty Attributed To Efforts for Status Quo

In a compilation of "Suggestions on the Robinson-Patman Act," James F. Hoge, of Rogers, Ramsay & Hoge, attorneys, this city, commenting on the intricacies of that statute, expresses the opinion that if the act is enforced with "sympathetic and intelligent regard to its purpose," it will have a wholesome effect and will require few, if any, drastic changes in the basic systems of distribution. On the other hand, if the act is construed in universal application strictly in accordance with its letter, Mr. Hoge believes that the results will be so far-reaching that they cannot be precisely forecast.

A pertinent statement among Mr. Hoge's opinions is that much of the difficulty found in connection with the act exists in respect of efforts to find loopholes or "ways to persist safely in continuing the effect of present practices."

Mr. Hoge, who is general counsel for the Proprietary Association, comments on various provisions of the Patman act, his conclusions agreeing in their salient points with those of other legal commenters in the drug field, but presenting more forcibly the liability of a manufacturer. His succinct summation is:—

The only certain way to avoid violations of this law and troublesome litigation is neither to grant nor receive any discrimination at all—to make all prices, terms, discounts, services, and facilities available to all customers. If under present methods, you cannot profitably distribute your goods in that way, you must select a different system or method of distribution or, at considerable peril, run the risk of violating this law.

In addition to his informative comment on the provisions of the act, Mr. Hoge expresses his opinion in detail on what a seller should do and what he should not do to comply with the law. He says:—

Things to Do

1. Determine whether your practices are morally fair, just, and reasonable. It does not require a lawyer to do that. That is a thing you can do. Much of the difficulty about the act has really been the difficulty of finding loopholes in it or ways to persist safely in continuing the effect of present practices.

Regardless of the vagueness and ambiguity of this statute, it is generally understood that the basic purpose of it is to suppress unfair and unjustified discriminations in price (or in terms of sale affecting price) between large and small buyers. The purpose is to prohibit differentials in price that are not justified by differences in cost, and also to prohibit allowances, rebates, discounts, and other concessions that are either camouflage or are not made available proportionately to large and small buyers.

The Supreme Court of the United States has said:—

"Literal interpretation of statutes at the expense of the reason of the law and producing absurd consequences or flagrant injustice has frequently been condemned." *Sorrell vs. U. S.*, 287 U. S. 435.

"All laws are to be given a sensible construction; and a literal application of a statute, which would lead to absurd consequences, should be avoided whenever a reasonable application can be given to it, consistent with the legislative purpose." *U. S. vs. Katz*, 271 U. S. 354.

Admitting the imperfections of this statute and the possibility for "absurd consequences" through literal application, you may have considerable assurance if you square your practices with the basic purpose of the act.

2. Determine whether your practices constitute a discrimination. That is the first element in a violation of this law. The word "discriminate" means:—"to make a difference in treatment or favor (of one as compared with others)."

3. If your practices constitute a discrimination, then determine whether the discrimination is between customers who are in competition with each other, or whose

(Continued on page 38)

Britain Continues K.I.D. Exemptions

LONDON, Aug. 22, 1936.

The British Board of Trade announces that the Treasury has made an order under the finance act of 1926, continuing the exemption from key industry duty until December 1, 1936, of the following chemicals and compounds of rare earth metals:—

Acidol
Adipicric acid
Allylparacetaminophenol
Amidoethyl alcohol
Amidoguanidin sulphate
Amidopyrin
Ammonium perchlorate
Barbitone (diethylbarbituric acid)
Bromural (dormigene)
Butyl methyladipate
Calcium gluconate
Celtium oxide
Chinolin (quinolin)
Chinosol

(Continued on page 56)

Drug Value Parley with U.S. Off

Functions of Consumers Division of Labor Dep't Do Not Fit with Industry's Plan

WASHINGTON, Sept. 3, 1936.

A conference scheduled for today, and erroneously announced for tomorrow, between officials of the Consumers Division of the Department of Labor and members of the Committee on Information for the Drug and Cosmetic Industry has been postponed indefinitely at the request of the committee.

The conference was originally arranged by the committee with the announced purpose of co-ordinating the consumer educational work of the department with the drug and cosmetic industry's campaign to supply purchasers with data on the value of branded products.

Apparently the request for a conference grew out of a misunderstanding of the work and objectives of the Consumers Division, and the desire for it collapsed when it was realized that there is no common ground for co-operation with the industry.

The Consumers Division was originally organized as a branch of the National Emergency Council to keep the government informed as to the functioning of NRA retail codes. Nearly 200 county organizations were formed, some of which were active in protests against local prices of coal, milk, and other commodities for which codes established prices. When NRA was liquidated the division was transferred to the Department of Labor and is being financed from relief funds as the Consumers Project. Its chief function is to stimulate the organization of local, self-financed, and autonomous consumer clubs or "institutes," and to supply such with various government publications and information on request.

The division has no plans for research on quality of goods on the market nor for carrying on a campaign to persuade buyers to prefer certain brands of merchandise over other brands. It is hoping to compile a summary of existing standards for consumer articles similar to that compiled by the Bureau of Standards for producers' goods.

The division is also preparing a booklet on the requirements of an average family medecine chest. This latter will name no brands and will not seek to promote self-diagnosis or self-medication beyond first aid and minor ailments common to most families.

The Consumers Project is temporarily headed by Dr. Clarence E. Ayers, who will return to his post on the faculty of the University of Texas about October 1. The entire division is very small and is operating on a provisional basis.

Columbia Alkali Corporation:—In the article published in the Reporter for August 31, stating that liquid chlorine and electrolytic caustic soda have been added to the products manufactured by this company, the words, "Liquid Bleach," instead of, "Liquid Chlorine," inadvertently appeared in the subheading.

Closing Market Developments

London Closing Cable

LONDON, Sept. 4, 1936.

Quotations on quicksilver were £12 7s. to £12 17s. 6d. per flask, comparing with the previous price of £12 1s. 6d.

Tin Crystals Higher

Tin crystals were higher at 34½c. to 35c. per pound. Tin anhydrous tetrachloride was 22c. per pound. Soda stannate was unchanged at 29c. to 31c. per pound. Tin Straits was 43½c. per pound.

Chinawood Oil Easy

Domestic markets for chinawood oil had an easy tone late last week. The trend of Hankow was still downward and although changes abroad were small, prices here were shaded by some sellers. Tankcars were openly quoted at .1450 to .1460c. per pound, Atlantic coast basis, with drums available at 15c. to 15½c. Buying interest was light on the eve of the Labor Day holidays.

Cottonseed Oil Firm

Cottonseed oil was firm in Southern and local markets late in the week. Offerings of contracts were light much of the time in the local market for futures and prices seemed to respond readily to buying orders. At the close of the market on Friday, October and December sold at 10.30c., showing an advance of over $1 per barrel as compared with the final prices of the previous week. Crude oil was quoted at 8¾c. bid in the Southeast but sellers were apparently disinclined to accept this figure. The market on the New York Produce Exchange remained closed on Saturday for an extra holiday.

Foreign Trade Groups Merge

The American Exporters and Importers Association has become a division of the National Foreign Trade Association, and its offices have been combined with those of the latter at 26 Beaver street, this city. This amalgamation is intended to further the centralization of organized activities in matters of foreign trade.

Trade News Briefs

D. W. Edgerly, Titanium Pigment Company, St. Louis, was a visitor to New York during the week of September 3.

A. L. Bisbee, jr., is now connected with the New York office of Kelloggs & Miller, linseed crusher, Amsterdam, N. Y.

L. C. Green, of Guignon and Green, naval stores broker, this city, returned August 31 from a business trip in the South.

George McCarty, vice-president of Ashcraft-Wilkinson Company, fertilizer materials, Atlanta, was a visitor to the New York trade.

Carbide & Carbon Chemicals Corporation has started the construction of a plant at Leach, Ky., for the production of low pressure gas.

Miami Copper Company has announced a 5 percent increase in the wages of its workers at Miami, Ariz., effective September 1.

Guano production by the Agricultural Guano Producing Consortium, representing the three leading agricultural societies in Chile, increased from 24,853 metric tons in the year ended May 31, 1935, to 36,130 tons in the 1935-36 period.

Polak's Frutal Werks, Inc., essential oils and aromatic chemicals, this city, has engaged as sales representative in New England, New Jersey, and Philadelphia, L. S. Brooks, formerly connected with the California Fruit Growers Exchange.

Etablissements Rigaud, Inc., has requested the Bureau of Customs to permit returning ocean passengers to bring in six bottles of its perfumery (no more than two of one brand) when the perfume has not been bought on commission or is not to be sold.

International Office of Military Medical Decumentation will hold its sixth session at Gevena, Switzerland, October 10 to 14, and Claude C. Pierce, medical director of the United States Public Health Service, will be the official United States delegate.

Charles L. Huisking, president of Charles L. Huisking & Co., drug and chemical merchant, this city, celebrated his twenty-fifth wedding anniversary on August 29. The anniversary date fell on a day on which Mr. Huisking and his wife started for Minneapolis to attend the convention of the Federal Wholesale Druggists' Association and hence the opportunity for a family gathering in honor of the occasion had to be passed up.

Davison Chemical Company, Baltimore, has adopted a plan for hourly workers which provides vacations with pay ranging from two days for those who have worked 1,000 hours or more this year, to seven days for those who have worked more than 2,000 hours.

Colgate-Palmolive-Peet Company is planning to start immediately the construction of a $200,000 warehouse and factory addition to its plant at Jeffersonville, Ind. Several old structures, formerly part of the abandoned Indiana State Reformatory will be razed to make way for the expansion.

Frederick Gumm Chemical Company, Union City, N. J., has purchased the factory property at 538-40 Forest street, Kearny, N. J., part of which was formerly occupied by the Barber Asphalt Company of Philadelphia. Plans for extensive alterations are being made.

Benjamin G. Smith, formerly controller for E. R. Squibb & Sons, pharmaceutical manufacturer, was killed in a terrific gas explosion in the apartment of his sister, at 40 Monroe street, this city, September 3, while his sister was away on vacation. He was fifty-two years old. All the windows had been closed and the gas jets in the kitchenette turned on. The explosion blew out the walls of the apartment and showered glass and other wreckage on persons in the street below.

A. R. Ellis, for the past seven years vice-president and director of the Pittsburgh Testing Laboratory, doing industrial research in chemical and metallurgical fields, Pittsburgh, has been made president of the organization. Mr. Ellis is a Cornell graduate (C. E., 1905), and has been with the Pittsburgh laboratory since the span of his graduation. He became chief engineer in 1910, manager of the New York branch in 1917, assistant general manager in 1918, general manager and director in 1921, and vice-president in 1929.

Bone phosphate market developments are being undertaken in a number of countries by Belgian gelatin manufacturers, who get the phosphate as a by-product to the extent of about 18,000 tons a year. The material is being used to an extent in cattle feeding in Belgium and France, but efforts to promote this use in other countries have had little success. A detailed report on the Belgian phosphate industry is available to American firms and individuals at the Chemical Division of the Bureau of Foreign and Domestic Commerce, Washington.

Chemical Price Trend Upward

No prices were reduced last week in the markets for heavy and fine chemicals. Advances were numerous, but not large. Most of them had to do with fine chemicals and fertilizer materials. Business quieted a bit under the influence of the approaching holiday, but increased activity was expected shortly. As it was, the volume was well ahead of that a year ago.

The price advances affected antimony metal, quicksilver, corrosive sublimate, calomel, yellow oxide of mercury, white precipitate, red precipitate, English vermilion, sulphate of ammonia (September-November deliveries), berberine sulphate, whole milk powder, Batu copal, raw and steamed bone, domestic and imported bonemeal, California sardine meal, nitrogenous fertilizer material in the West, and dried blood at Chicago. Advances effective October 1 were made in prices of domestic oxide of zinc.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 125.3 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.7, against 89.1 at this time last year, averages being lower in the paint materials and drugs and fine chemicals divisions.

Contents of This Issue

News and Statistics

American Pharmaceutical Association Urges New Federal Drug Law 5
Alcohol Regulations Cover New Points 5
Britain Continues K. I. D. Exemptions 3
Calcium Hypochlorite Duty Increase Asked 5
Detroit Drug-Cosmetic Golfers Play in Chicago Sept. 15..... 27
Drug Value Parley with U. S. Off.. 3
Foreign Trade Groups Merge..... 4
F. W. D. A. Discusses Patman Act. 3
Manchukuo Controls Imports and Exports 4
McGovern Assails Alcohol Bans.... 5
N. P. V. L. A. Convention Reservations up 50 Percent..... 5
Patman Act Advice Offered by Proprietary Association Counsel..... 3
Petroleum Market Status..... 55
Petroleum Production..... 56
Pfizer League Leaders Play Loeser's Sept. 9..... 27
Synthetic Aromatics Imports Increase 48 Percent..... 3
Socony-Vacuum Gets Large Venezuelan Field..... 5
Schmeidler with Kenney-Herstein.. 54
Titanium Co. to Offer New Titanium Pigment 27

General Features

Advertisers' Index..... 65
Bids Wanted..... 63
Chemical Price Trends..... 4
Classified Advertisements..... 64
Closing Market Developments... 4
Contracts Awarded..... 63
Corporation Earnings..... —
Dividends Declared..... —
Editorials 28
Foreign Tariff Notes..... 4
Foreign Trade Openings..... —
Industrial Uses of Chemicals.... 35
Obituaries 34
Prices Current..... 7
Scientific, Professional Services. 42
Some New Books..... —
Trade News Briefs..... 4
What You Can Use..... 45
Where You Can Sell..... 35

Market Reports

Botanical Drugs, Spices, Gums.. 51
Coaltar Chemicals 36
Drugs and Fine Chemicals..... 47
Dyestuffs and Textile and Leather Chemicals 38
Essential Oils and Aromatics.... 53
Fertilizer Materials 57
Heavy Chemicals 31
Oils, Fats and Waxes 43
Paint, Varnish, Lacquer Materials 39
Petroleum Solvents, Lubricants, Fuels 55

Shipping Information

Cargo Ship Arrivals 63
Charters ..... —
Coastwise Shipments..... —
Exports 61
Imports 58
Imports Detained..... 56

Oil, Paint and Drug Reporter, Volume 130, No. 10, September 7, 1936. Published by Oil, Paint and Drug Reporter, Inc., 12 Gold Street, New York. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Bakelite:—Austria has reduced the import duty on bakelite covers for radio sets, from 200 gold crowns to 50 gold crowns per 100 kilos.

Carbon Black:—Australia has excluded carbon black from the import license requirements.

Casein:—Austria, to protect domestic production, has added casein to the list of products requiring import permits.

Copra:—Netherlands has extended the import quota restrictions on copra for another year beginning August 1 and has reduced the limit from 60 percent to 30 percent of the average annual quantity of imports during the base period July 1, 1931, to June 30, 1933.

Fertilizers:—Estonia has made the manufacture, importation, and sale of fertilizers subject to the control of the Ministry of Agriculture.

Films:—Estonia has reduced the import quota for American motion picture films for the fiscal year 1936-1937 from 226 films to 220 films.

Gelatin:—Austria has increased the import duty on gelatin from 20 gold crowns to 60 gold crowns per 100 kilos.

Illuminating Gas:—Guadeloupe has exempted illuminating gas from the octroi de mer tax of 8 percent ad valorem applicable to chemical products on importation.

Illuminating Glass:—Austria, to protect domestic production, has added certain illuminating glass to the list of products requiring import permits.

Invoices:—Mexico has increased from seven to eight the number of copies required of the commercial invoice on products to be exported to Mexico; these to be submitted by the shipper to the Mexican consul at the place of origin, or at the port of export, or at the border city adjacent to the Mexican customhouse of entry.

Marking:—China, beginning October 12, will strictly enforce the regulations requiring that all crated, boxed, cased, or barrelled imports of merchandise must be numbered and bear a mark of a distinctive design either stenciled, stamped, painted or burnt on the outside container; uncrated or unboxed products must have the marks and numbers painted on the goods themselves, except metal angles, bars and shafting which must be splashed with colored paint on the ends. Failure to comply with the regulations will result in the cargo being marked by the customs at the expense of the importer.

Nitrates:—Germany, after an exchange of notes, has granted to Chile an additional free-duty import quota on Chilean nitrate amounting to 19,504 metric tons during the period from August 25 to June 30, 1937; this in addition to the annual quota of 80,000 metric tons.

Pine Oil:—Austria has reduced the import duty on crude pine oil from 60 gold crowns to 15 gold crowns per 100 kilos.

Manchukuo Controls Imports and Exports

WASHINGTON, Sept. 2, 1936.

August 15 the government of Manchukuo promulgated an ordinance providing for government control and, if necessary, complete prohibition of imports and exports of such products as may from time to time be specified, according to a radiogram to the Bureau of Agricultural Economics from the agricultural commissioner at Shanghai.

The ordinance authorizes the government to place the export or import of specified commodities under control whenever it is necessary to adjust or protect the country's foreign trade against measures which other nations have taken or contemplate taking. It also authorizes governmental regulation or prohibition of foreign trade whenever there is an urgent need to protect an important domestic industry, or it is necessary to adjust the prices of commodities which are in the category of daily necessities.

McGovern Assails Alcohol Bans

Essential Flow for Industrial Uses Should Not Be Dammed at State Lines

The free flow of industrial alcohol in interstate commerce should be maintained by the Federal government regardless of State lines, declares James P. McGovern, general counsel for the Industrial Alcohol Institute, in a bulletin sent to members of the institute September 3. Mr. McGovern sees a possible necessity that the Federal government have full control of the interstate shipment of alcohol to assure that technicalities in definitions in State laws did not interfere with delivery of the material for industrial purposes.

Co-ordination of State and Federal laws regulating traffic in intoxicating liquors is highly necessary, Mr. McGovern says. He sees, too, a large necessity for intelligent co-operation among the various law-enforcing agencies.

Mr. McGovern devotes more than half the contents of his bulletin to a summary of the history of legislative regulation of traffic in intoxicating liquors since the repeal of national prohibition. He points to numerous authoritative statements and statutory phrases to show that this regulation was not intended to interfere with the supply of alcohol for industrial and other nonbeverage uses.

Purposes Confused

Following his review of the development of liquor regulation, Mr. McGovern takes up the application of liquor laws to industrial alcohol. He says:—

The explanations of the scope and purposes of the law, as given by its sponsors and as set forth in the report of the house judiciary committee, are very confusing and unsatisfactory. This is aggravated by the provisions contained in the second paragraph, or subdivision (b) of section 3, as follows:—

"In order to determine whether anyone importing, bringing, or transporting intoxicating liquor into any State, or anyone attempting so to do, or assisting in so doing, is acting in violation of the provisions of this act, the definition of intoxicating liquor contained in the laws of such State shall be applied, but only to the extent that sales of such intoxicating liquor (except for scientific, sacramental, medicinal, and mechanical purposes) are prohibited in such State."

The above provision was incorporated in the law when the bill was under reconsideration in the senate June 18, 1936. As passed in the house and also in the senate before it was amended, such paragraph read as follows:—

"The definition of intoxicating liquor contained in the laws of any State shall be applied in order to determine whether anyone importing, bringing, or transporting intoxicating liquor into such State, or anyone attempting so to do, or assisting in so doing, is acting in violation of the provisions of this act."

While it was not my intention to express any opinion as to the scope and purposes of the above-mentioned section 3, it would appear, from the above explanations, that its provisions were to be applicable and effective only for the "protection" of "dry" States, that is, States "in which all sales . . . of intoxicating liquor containing more than 4 percentum . . . are prohibited" "except for scientific, sacramental, medicinal, or mechanical purposes," and then only to those States which establish an absolute embargo or provide a permit or license system under which importation for scientific, sacramental, medicinal or mechanical purposes can be made. It also appears to be the intention that the permit or license system provided by the State must be one which allows for a permit or license to accompany each and every shipment or importation into the State. As stated in the house committee report:—

"When a 'dry' State permits certain shipments of intoxicating liquor, but has no permit system to cover them, it will receive no Federal protection; when a 'dry' State has a permit system applicable to some shipments into the State, but not to all, it will receive Federal protection only to the extent of its permit requirements; when a 'dry' State has a permit system applicable to all shipments, it will receive full protection."

Embargo Not Intended

A study of the control laws adopted by the States will show that very few have provided for such a system. Only six States (Alabama, Georgia, Kansas, Oklahoma, Tennessee, Mississippi) are what may be termed "dry," and it certainly has not been the intention of the "wet" States to set up an embargo. If such be the "heart of the bill," it is indeed unfortunate. It is possible that the legislators may have considered something in the nature of the Federal withdrawal permits in use during the prohibition period, but, in view of the disadvantages experienced with that form of permit system, it does not seem that it would be restored. In any event, the system proposed does not fit in with the systems previously established by the States and either the Federal government or the States must modify their laws if the Federal system is to be made workable.

The prohibition of the twenty-first amendment, unlike that of the eighteenth amendment, does not relate to beverage purposes. Under the former, the transportation or importation of liquor into States "for delivery or use therein . . . in violation of the laws thereof" is prohibited. Does not this mean that States which have a restricted or regulated system of control of liquors for beverage purposes are entitled to as much protection as States which are "dry," the laws of which prohibit sales for beverage purposes? It may be argued that sufficient protection to "moist" States is afforded by the Webb-Kenyon act which prohibits shipment and transportation into States to be received, possessed, sold or used "in viola-

(Continued on page 30)

Alcohol Regulations Cover New Points

Where a distiller is unable to obtain the written consent of the owner or lienholder to use premises under the legal requirements for the distilling of spirits, a new regulation of the Bureau of Internal Revenue permits the filing of a bond in lieu of such consent. Particulars of the conditions are contained in T. D. 4680.

Retail liquor dealers' special taxes are the subject of new regulations issued in T. D. 4681. The requirement with respect to retail druggists is as follows:—

A retail drug store or pharmacy making sales of liquors through a duly licensed pharmacist shall procure a special-tax stamp designated "Medicinal Spirits Stamp Tax," or a special-tax stamp as retail liquor dealer.

Regulations requiring records by weight or measure of all materials received at a distillery for use in the production of distilled spirits or otherwise are required by new regulations contained in T. D. 4682.

Distillation "heads" and "tails," that is, distillate fractions containing one-half of 1 percent or more of aldehydes or more than 1 percent of fusel oil may be destroyed or removed for denaturation according to the terms of new regulations prescribed in T. D. 4683. An elaborate statement of conditions is made in the regulations.

Articles 79 to 83 and 87 of regulations 3 have been further amended by T. D. 4684 to cover section 329 (b) of the liquor tax administration act of 1936, permitting the tax-free use of alcohol by clinics operated for charity and not for profit.

N.P.V.L.A. Reservations 50% Above All Records

Reservations for the annual convention of the National Paint, Varnish and Lacquer Association, in the Drake hotel, Chicago, November 18 to 20, are being received by the hotel in such numbers as to surpass all previous records for early reservations, according to a report from the headquarters of the association in Washington. They are already 50 percent ahead of the advance reservations for last year's convention for the corresponding date. An unusual number of reservations are for suites and double rooms, indicating that the actual number of occupants will be even larger than the reservations indicate.

Ernest T. Trigg, president of the association, is highly gratified by the keen interest evinced in the coming convention, and is urging all members of the industry to make provisions at the hotel for their executives and the ladies of their families, by sending their reservations direct to the Drake hotel, if they have not already done so, with a statement that they are going to attend the annual convention of the association, in order to obtain the special convention rates.

Manufacturers attending the convention will have a splendid opportunity to visit also the Paint Industries Show, which will be held at the Drake hotel November 15 to 19 in conjunction with the annual meeting of the Federation of Paint and Varnish Production Clubs.

American Pharmaceutical Ass'n Urges New Federal Drug Law

Convention Declares Public Welfare Necessitates Early Revision — Drug Sale Restriction to Pharmacists Advocated

Restating its profound conviction that the present Federal food and drugs act is too limited in its scope to afford the public necessary protection in the matter of foods, drugs, and cosmetics, the American Pharmaceutical Association at its eighty-fourth annual convention in Dallas, Texas, August 24 to 29, urged the prompt enactment of legislation substantially the same as S. 5 as it was passed by the Senate in 1934. The association further registered strong opposition to any provision in the proposed legislation which would lessen enforcement efficiency and stated that additional delay in enacting food and drug legislation should be looked upon as a flagrant disregard of the public welfare.

State legislation to compel manufacturers to place definite information on the labels of their drug products showing the name and address of the source of production and State laws to restrict the distribution of drugs, medicines and medical supplies to registered pharmacists were also urged. The association plans to collect and co-ordinate factual information which will show the relationship between the quality and reliability of drugs and medicines and their sources of production and channels of distribution.

The association expressed its belief that every legislative measure aimed at maintaining free and unrestricted opportunity for the average citizen is distinctly in the public interest; thanked Senator Joseph T. Robinson and Representative Wright Patman for their sponsorship of the price-discrimination law enacted by the last Congress; thanked Senator Millard E. Tydings for his work in behalf of the Federal fair trade enabling act; approved the enactment of State fair trade legislation; and urged that contact be made with the Federal government to obtain copies of all studies and investigations carried on by the NRA to ascertain the influence of the codes of fair competition on retail prices.

Dr. George D. Beal
New A. Ph. A. President

The Robinson-Patman act and other price-restrictive legislation were not considered in detail because of the close proximity of the annual convention of the National Association of Retail Druggists and in keeping with the current trend to confine the activities of the American Pharmaceutical Association to professional problems of the retail pharmacist, leaving the merchandising and economic problems to the other association.

Action by Resolution

Other resolutions approved by the association recorded the following actions:—

Urging colleges of pharmacy to institute additional research studies for the purpose of ascertaining what drugs and medicines undergo changes which may adversely affect their dependability in order to provide facts essential to the enactment of more adequate legislation with respect to drugs and medicines.

Patrick H. Costello
Presiding A. Ph. A. Officer

(Continued on page 49)

Socony-Vacuum Gets Large Venezuelan Field

The Socony-Vacuum Oil Company reports that its subsidiary, the Socony-Vacuum Oil Company of Venezuela has contracted with the Venezuelan government, owner of all mineral rights in the country, for exploration and exploitation rights in approximately 750,000 acres. The total price was approximately $2,000,000. In addition to this expenditure the company has developed plans for construction of a modern, high capacity refinery on Venezuelan soil as soon as production is obtained. The announcement further emphasized the growing importance of the new eastern field in the South American country.

Socony-Vacuum first entered the foreign producion field through an arrangement with the Standard Oil Company of New Jersey covering Far Eastern operations. A little later, Socony formed a partnership with the Texas Corporation for operations in the famous Barco field in the middle of the Colombian jungle, and the two companies are now building a pipe line from Barco field to deep water on the Gulf of Mexico. Next to the Standard of New Jersey, the Gulf and Royal Dutch companies have the heaviest investments in Venezuela.

Phelps Dodge Corporation has announced an increase of 5 percent in the wages of its workers at the Copper Queen branch, Bisbee, Ariz., effective September 1.

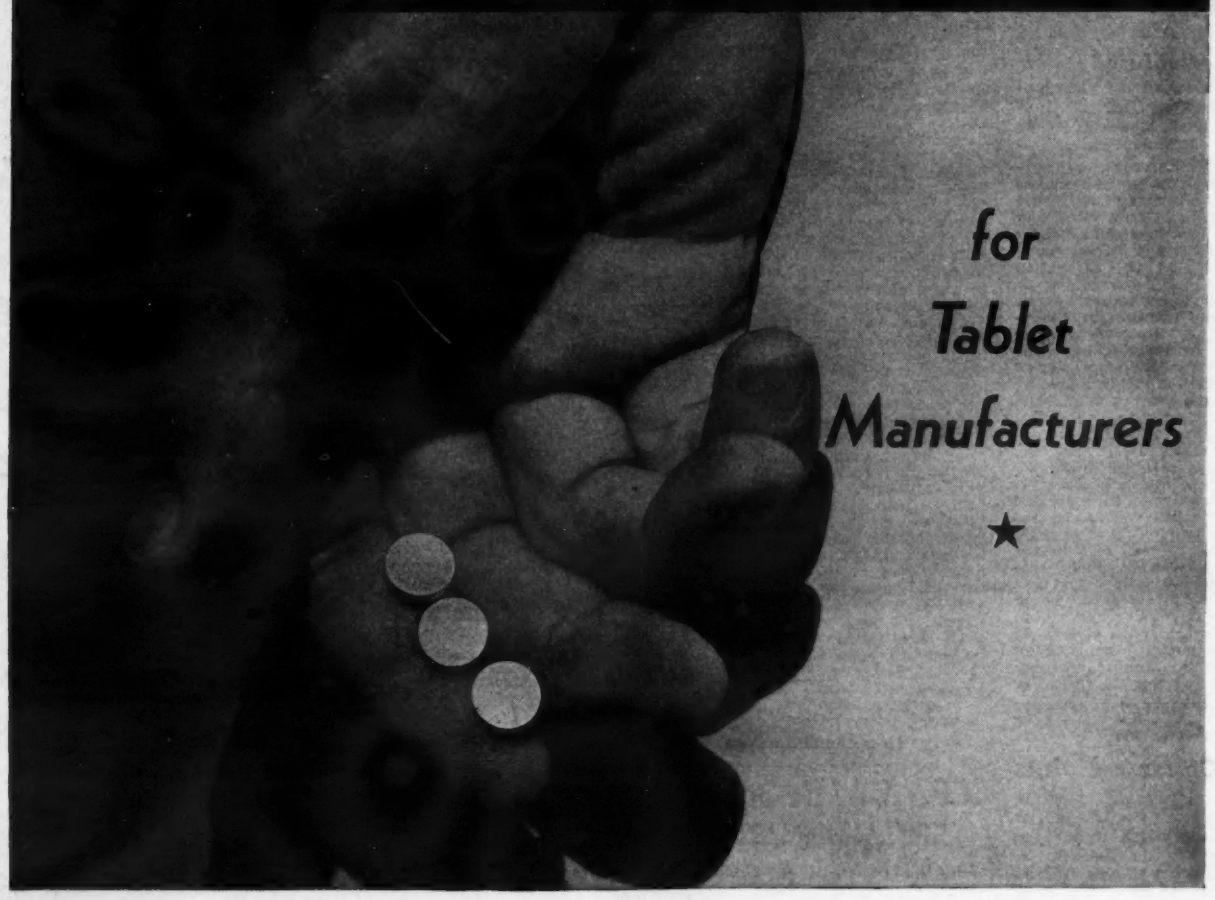
Calcium Hypochlorite Duty Increase Asked

WASHINGTON, Sept. 2, 1936.

The Mathieson Alkali Works, Inc., New York, and Pen-Chlor, Inc., Philadelphia, have filed with the United States Tariff Commission applications asking for investigation of the duty on calcium hypochlorite designated as "high test bleach" or "super bleach," looking toward an increase in duty. Under present law the material is classified as a chemical not specially provided for and is assessed for duty at 25 percent ad valorem under paragraph 5 of the 1930 tariff act.

A Guaranty of MERCK *Purity & Reliability*

MERCK
Acid Acetylsalicylic



THE most important factor in tablet manufacturing and selling is *uniformity*. You must obtain uniformity in quality of material, and in finished products, to give your customers what they want—ready solubility and efficacy.

Merck Acid Acetylsalicylic meets these requirements. Try the form most suitable for your needs in your next batch of tablets. You will understand why so many tablet manufacturers standardize on this dependable Merck Product.

Write for further information and prices.

Acid Acetylsalicylic Merck U. S. P. Powder, Granular
Acid Acetylsalicylic Merck U. S. P. Fine Crystals
Acid Acetylsalicylic Merck Granulated with 10% Starch White
Acid Acetylsalicylic Merck Granulated with 10% Starch Green
Acid Acetylsalicylic Merck Granulated with 10% Starch Pink
Acid Acetylsalicylic Merck Granulated with 16% Starch White
Acid Acetylsalicylic Merck Granulated with 20% Starch White

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

New York: 161 Sixth Avenue Philadelphia: 916 Parrish Street St. Louis: 4528 South Broadway
In Canada: Merck & Co. Ltd., Montreal and Toronto

Current Market Quotations

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls.....lb. .26 - —
Acetin, tech., dms.....lb. .22 - .23
Acetoacetanilide, dms. .....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .06 - —
l.c.l., delvd.....lb. .06½- —
tanks, delvd.....lb. .07 - —
Methyl (see M)
Acetophenone, bots., cns.....lb. 1.25 - 2.25
Acetphenetidin, kegs.....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l.....lb. .06⅝- —
l.c.l. .....lb. .07 - —
Acetic, coml. or redist., 25% bbls. 100 lbs. 2.45 - 2.70
cbys. .....100 lbs. 2.95 - 3.20
50%, bbls. .....100 lbs. 4.60 - 4.85
cbys. .....100 lbs. 5.10 - 5.35
70%, bbls. .....100 lbs. 5.73 - 5.98
cbys. .....100 lbs. 6.23 - 6.48
80%, bbls. .....100 lbs. 6.53 - 6.73
cbys. .....100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
coml. bbls. .....100 lbs. 8.43 - 8.63
cbys .....100 lbs. 8.93 - 9.18
USP., dms. .....100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms—100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
pure, 30%, bbls.....100 lbs. 3.52 - 3.77
cbys. .....100 lbs. 3.92 - 4.17
80%, bbls. .....100 lbs. 3.95 - 4.20
cbys. .....100 lbs. 4.45 - 4.70
60%, bbls. .....100 lbs. 6.63 - 6.88
cbys. .....100 lbs. 7.13 - 7.38
90%, bbls. .....100 lbs. 8.33 - 8.58
cbys. .....100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. .....lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs.....lb. .59 - —
50 lbs. .....lb. .60 - —
25 lbs. .....lb. .61 - —
kegs, 100 lbs.....lb. .58 - —
Anthranilic, refd., bbls.....lb. .85 - .95
tech., bbls. .....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs.....lb. .40 - —
USP., kegs.....lb. .54 - .59
Battery, cbys.....100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP., $25 per ton higher.
Broenner's, bbls.....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys.,works, lb. .25 - .30
edible, cbys., works.....lb. 1.20 - 1.50
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - —
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17 - .17½
Chicago, bbls.....lb. 2.10 - —
Chinawood oil, dms.....lb. .20 - .21
Chlorosulphonic, dms.....lb. .03½- .05
Chromic, 99%, dms., delvd. N.Y. lb. .14½- .16½
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .26 - —
kegs .....lb. .26½- —
gran., bbls.....lb. .26 - —
kegs .....lb. .26½- —
powds, bbls.....lb. .26½- —
anhyd., gran., dms.....lb. .29 - —
powd., dms.....lb. .29½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls.....lb. .52 - .54
Coconut oil, white, dms.....lb. .09½- .10¼
Cottonseed oil, dms.....lb. .07½- .08
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis.....gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis.....gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald.nearest competitive prod. point....gal. .81 - —
less 500 gals., same basis, gal. .83 - —
Acid, cresylic, spec, resin grade, high-boil, dms., over 500 gals., same basis.. gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums.....gal. .79 - .94
Crotonic, dms., works.....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls.....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. .....lb. .12 - .13
imported, cbys.....lb. .11 - .12
Fumaric, bbls.....lb. .60 - —
Gallic, tech., bbls.....lb. .65 - .68
USP. IX, bbls.....lb. .77 - .80
Gamma, bbl.....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180-.1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead, cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls.....lb. .36 - .37
Lactic, 22%, dark, bbls.....lb. .04½- .05
light, refined, bbls.....lb. .06½- .07
44%, dark, bbls.....lb. .09½- .10
light, refined, bbls.....lb. .11½- .12
USP, X, 85%, cbys.....lb. .45 - .50
USP, VIII, 75%, cbys.....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1290- .1330
tanks .....lb. .1280- —
extra white, dms.....lb. .11 - .11½
split, dms.....lb. .07⅝- .08
refined, dms.....lb. .06½- .09
Laurent's, bbls.....lb. .46 - .47
Maleic, powd., dms.....lb. .29 - .40
anhydride, dms.....lb. .32 - .43
Malic, powd., kegs.....lb. .45 - .60
Mixed, tanks, nitric unit.....lb. .06½- .07½
sulphuric unit.....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls.....lb. .18 - .20
Monosulphonic, bbls.....lb. 1.50 - 1.60
Muriatic, 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works.....100 lbs. 1.00 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works.....100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd..100 lbs. 2.20 - —
tanks, works.....100 lbs. 1.60 - —
CP, cbys.....lb. .06½- .07½
6-lb. bots.....lb. .08½- .12½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms.....lb. .10 - .12
240-280, dms.....lb. .11 - .14
sludges, dms.....lb. .06 - .10
Neville & Winther's, bbls.....lb. .85 - .87
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys.....lb. .11½- .12½
7-lb. bots.....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls.....lb. .11½- .12¼
Palm oil, dms.....lb. .0780-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Peri, bbls.....lb. .62 - —
Perilla oil, dms.....lb. .1110-.1150
Phenylacetic, bots.....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Acid, picramic, kgs.....lb. .65 - .70
Picric, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works .....lb. .22 - —
tech., cbys., works.....lb. .20 - —
dms., works .....lb. .16 - —
Pyrogallic, cryst., cns.....lb. 1.55 - 1.65
resubl, cns.....lb. 1.90 - 2.00
Rapeseed oil, dms.....lb. .12 - .13
Ricinoleic, dms.....lb. .20 - .28
Salicylic, tech., bbls.....lb. .40 - —
USP, bbls.....lb. .40 - .45
Sardine oil, dms.....lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dms.....lb. .09⅝- .10¼
Stearic, distil., double pressed, bgs., dlvd..lb. .10 - .11
single pressed, bgs., delvd.lb. .09½- .10½
triple pressed, bgs., delvd.lb. .12⅝- .13¾
saponif., double pressed, bgs., dlvd..lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .18 - .19
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.05 - —
tanks, works.....ton.11.00 - —
66°, cbys., c.l., E works, 100 lbs. 1.35 - —
mid-W works.....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works.....ton.15.50 - —
98%, tanks, works.....ton.16.50 - —
CP, cbys.....lb. .06½- .07½
9-lb. bots.....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms.....lb. .16 - .16¾
Tannic, tech., bbls.....lb. .19 - .25
USP, fluffy, bbls.....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls.....lb. .24 - —
kgs. .....lb. .24½- —
Tobias, bbls.....lb. .70 - .72½
Trichloracetic, bots.....lb. 2.45 - 2.50
Tungstic, CP, kgs.....lb. 2.45 - 2.70
tech., kgs.....lb. 1.50 - 1.60
Aconite leaves, bls.....lb. .22 - .24
Root, bls.....lb. .26 - .27
Aconitine, amerph., vis.....oz.17.00 - —
cryst., vis.....oz.20.00 - —
Adeps, lanae, anhyd., dms.....lb. .17½- .19
hyd., dms. .....lb. .16 - .18
Agar Agar, 1, bls.....lb. .72 - .73
2, bls.....lb. .65 - .66
3, bls.....lb. .55 - .56
Agaric, white, bls.....lb. 3.50 - 3.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago.....lb. .45 - .50
import, bgs. .....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
import, cs.....lb. .78 - .80
Milk, grd., sks., c.l.....ton. No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., divd..lb. .15 - —
l.c.l., divd. .....lb. .157 - —
tanks, divd. .....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
Benzyl, bots. .....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works..lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l, dms.....lb. .95 - —
import., 95%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l, dms., 250 lbs.....lb. .40 - —
Cinnamic, bots. .....lb. 3.40 - 3.50
Denatured, CD11, 12, 18, dms. c.l. divd. E..gal. .34 - —
dms. l.c.l., E.....gal. .40 - —
Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

Acacia—Alumina Chloride

Alcohol, denat., SD1, 190 pf., bbls., c.l., E. works..gal. .30 - —
19 bbls., E. works...gal. .32 - —
1 to 18 bbls., E. works. gal. .35 - —
dms., c.l., E. works..gal. .29 - —
19 dms., E. works..gal. .31 - —
1 to 18 dms., E. works. gal. .34 - —
tanks, E. works.....gal. .23 - —
Anhydrous, 5c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .30 - —
20 dms., E. works..gal. .32 - —
1 to 19 dms., E. works. gal. .35 - —
tanks, E. works.....gal. .24 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt. alld.....lb. .18 - —
l.c.l., frt. alld.....lb. .18½- —
tech., contract, dms, c.l., frt. alld. .....lb. .17 - —
l.c.l., frt. alld.....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l. .....gal. 4.14 - —
19 bbls.....gal. 4.16 - —
1 to 18 bbls.....gal. 4.19 - —
dms., c.l. .....gal. 4.13 - —
19 dms.....gal. 4.15 - —
1 to 18 dms.....gal. 4.18 - —
tanks .....gal. 4.07 - —
absolute, dms. .....gal. 4.54 - 4.66½
Grain alcohol 40c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b., dest. .....lb. 1.25 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Iscamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works .....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .09½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Mo. R. crossing .....gal. .55 - —
l.c.l., same terms....gal. .60 - .90
98%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms.....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .22 - —
l.c.l., ft. alld.....gal. .32 - —
Methyl (see Methanol)
Phenylethyl, bots. .....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .29 - .30
Alizarin (see Red, alizarin)
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape cs.....lb. .23 - .24
Curacao, cs.....lb. .21 - .22
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .35 - .36
Aloin, bbls., cns.....lb. 1.50 - 1.55
Alphanaphthol, bbls.....lb. .60 - .68
Alphanaphthylamine, bbls.....lb. .33 - .37
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works.....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry L.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works.....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works.....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works.....lb. .08 - .08½

Alumina Hydr.—Amyl Acetate

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - ..
less than 20, works.....lb. .04¼- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16½- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd, met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —

Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis—lb. .92 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis—lb. .52 - —
1,000-3,000 lbs., same basis—lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —

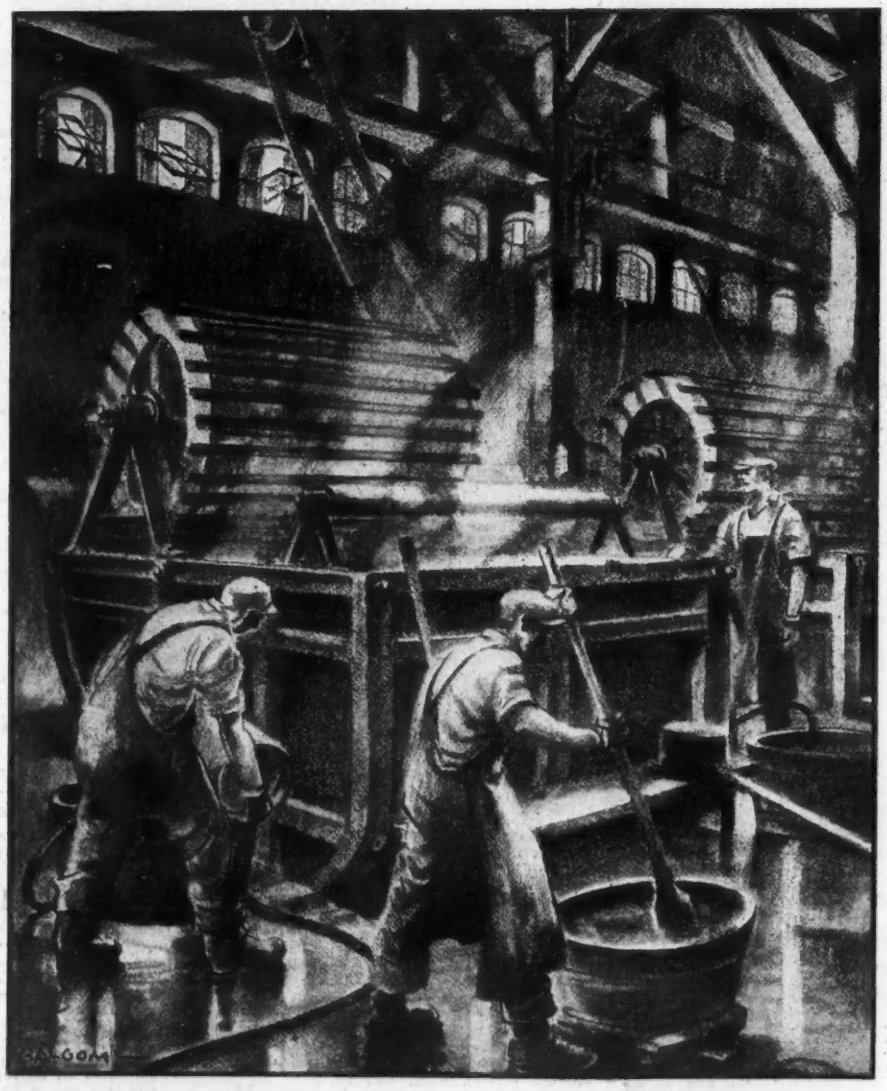
Aluminum, powd., dry, lining, wallpaper, dms., 30,000 lbs., same basis lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —

Aluminum, powd., dry, varnish, standard, dms., 30,000 lbs., same basis lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .58 - —

Aluminum powder and paste, c.l., prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.22.00 -35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb.. .06½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .06½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .06¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 50%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .10 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Sept.-Nov. dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.23.50 - —
f.o.b. cars, Atlantic Gulf, ports..ton.25.50 - —
Birmingham, Ala., ovens..ton.25.50 - —
Northern ovens...ton.23.50 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton.24.50 - —
Ammonia sulphate, domestic, for Dec.-June delivery is 50c. per ton additional.
dbl. bgs., export, f.a.s. N.Y., ton. No prices
imports., bulk, c.i.f. Atlantic ports..ton. No prices
bgs., c.i.f. Atlantic ports.ton. No prices
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal. gray, dom., bbls, c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., csks.....lb. .06½- .08
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., csks.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., dlvd, lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —

DOING THINGS THAT INTEREST TREASURERS



● Industry's treasurers are among the first to appreciate the work that is being done by chemicals today. For through chemical processes many a plant is now turning out better products at a lower cost. The activities of American Cyanamid, a nation-wide organization that supplies a comprehensive variety of chemicals, should enlist the interest of any treasurer whose company uses chemicals. For Cyanamid has extensive research facilities and uses them productively ... offers the cooperation of a highly trained technical staff ... and serves its customers from plants and warehouses located at convenient points to give the greatest economies in delivery.

The scene above shows the interior of a plant in the textile industry, where Cyanamid chemicals and Cyanamid service are steadily increasing efficiency and effecting economies — doing things that command the interest and respect of treasurers.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

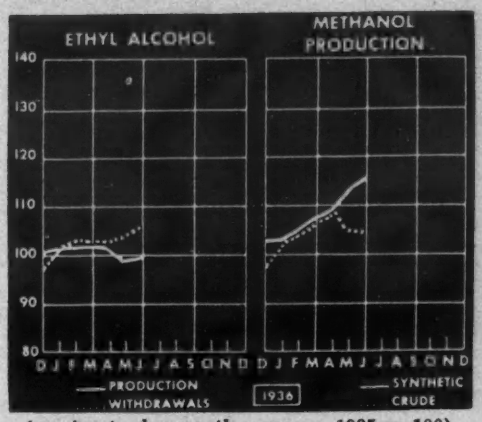
ADVERTISEMENT—*This entire page is a paid advertisement.*

RECEIVED SEP 8 1936 LIBRARY

SOLVENT NEWS

Reg. U. S. Pat. Off.

SEPTEMBER ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1936



(moving twelve-month averages, 1935 = 100)

		1936	1935
ETHYL ALCOHOL			
Production			
1000	Jan.-June	80,838	79,551
proof	June	14,528	14,624
gals.	May	14,537	15,791
Withdrawals			
1000	Jan.-June	78,794	68,486
proof	June	14,853	11,219
gals.	May	15,165	11,723
METHANOL			
Crude			
Production	Jan.-June	2,732	2,450
1000	June	414	385
gals.	May	427	452
Synthetic			
Production	Jan.-June	9,902	7,302
1000	June	1,863	1,198
gals.	May	1,755	1,203

DEVELOP LOGWOOD PIGMENT FOR NITROCELLULOSE LACQUERS

Recent development of a pigment from logwood has stimulated this manufacture, resulting in the production of good blacks for the nitrocellulose lacquer industry.

Logwood, always considered the most important natural dyewood, was brought into England during the 16th century. The coloring principle, haematoxylin, is the hot-water extract of wood from a Central American tree sometimes called "Campeachy Wood."

Since its introduction, logwood pigment has been used in conjunction with such metals as iron, tin, copper, and chromium. The metal is usually present in a soluble form in the fiber where it acts as a mordant and brings down the color during dyeing.

For the lacquer industry it has been found that the iron lake is most practical, and that by proper control it is possible to produce an iron salt of haematoxylin much more intense in color than heretofore. Its masstone is blacker and compares favorably with the so-called chip blacks.

Numerous outdoor weathering tests indicate that colloidal logwood is extremely stable. Although long exposure tends to cause a slight change from the blue tone to the jetter tone by oxidizing the coloring principle, this change is so slight it is not considered a disadvantage.

Data on Nitrocellulose Bulking is given in a 4-page folder now available, without charge, from the U. S. Industrial Chemical Co., Inc. Tables and examples are included in the text.

RESEARCH ON NATURAL GUMS AND RESINS AIDS MODERN VARNISH FORMULATION

Careful Grading of Resins and Precise Data on Solubilities Contribute to Progress of Industry

Experiments being sponsored by importers of natural gums and resins are expected to yield data which will aid varnish manufacturers in meeting problems in varnish formulation. Natural resins or "gums" have been classified, and tests of both oil-soluble and "spirit" soluble types have been conducted.

Until recently, literature on the natural resins has been limited, and the varnish-making industry has been hedged in by restrictions and secretiveness for almost a century. Today the natural resin business in a world-wide organization, able to meet any demand made upon it. Sources of these materials are carefully regulated, and foreign agencies are established for collecting, grading, and shipping the gums.

Gums Defined

The term "gums" is used by the varnish industry to designate natural resins, but in strict terminology the gums are related to the sugars and carbohydrates. They are soluble in water and insoluble in drying oils and organic solvents. When heated, they decompose without melting. Resins, on the other hand, are not soluble in water and are more or less soluble in organic solvents and vegetable oils. Resins are chemically related to terpenes or essential oils.

The natural resins are divided, in accordance with their use, into two groups; one is spirit soluble, and one is oil soluble. The first usually consists of the softer types of resins, and the second of the harder types, which generally require heat in their treatment. Names used to

(Continued on next page)

NEW LINE OF AIR-DRYING ENAMELS OFFERED TO TRADE

Air-drying enamels especially designed to prevent the corrosion of iron and steel in railroad, marine, mining, oil and general industrial service, have recently been introduced. These new anti-corrosive enamels are made of rust-inhibiting pigments and a synthetic resin vehicle, and form a hard, tough coating that is resistant to wear and of pleasing appearance. Application, it is reported, may be either brush or spray, and they air-dry in four hours.

Manufacturer's exposure tests show effective protection against humidity, salt water, alkali and electrolysis. Colors available are brown, black, red and a bronze liquid which serves as a vehicle for aluminum and other metallic powders.

An organic base, stable and non-volatile, is said to be as strong as sodium hydroxide and to have other special properties. The new material is suitable in connection with cellulose, dyestuffs, and metal oxides. Also can be employed for saponification of fats and oils, gums, esters, and waxes, and synthesis of antiseptics, intermediates, pharmaceuticals, etc.

Cellulose-acetate reproductions of snake skins have been found by museums to be more life-like than specimens.

NATIVE GUM COLLECTORS carrying their loads from the mountains to Lenke, on Lake Towoeti, Celebes. Each basket contains about 140 lbs. of gum. Gums are sorted and further prepared for shipping at the port. About 34,000,000 lbs. of natural resins reached the United States in 1935.

Prepared Monthly by the U. S. Industrial Chemical Co., Inc.

ADVERTISEMENT—*This entire page is a paid advertisement.*

SEPTEMBER ★ **SOLVENT NEWS** ★ 1936

SOLVENTS ADVANTAGEOUSLY PRICED FOR BUYERS AT CURRENT LEVELS

Solvents for the lacquer manufacturing industry, almost without exception, are priced at the lowest levels in many years. No further declines are anticipated, as producers have reached a resistance point where the selling price so closely approaches the manufacturing cost that profit margins are negligible or non-existent.

It is expected, therefore, that solvent prices will exhibit a consistently firm tone, and changes, if any, will be toward moderately higher levels.

RESEARCH ON NATURAL GUMS AND RESINS

(Continued from preceding page)

designate resins indicate source of origin, the port at which they are collected and graded for shipping, or some particular characteristics. In addition, all natural resins are grouped into three major types: the damars, the kauris, and the copals. Grading and classification are so extensive that there is almost a continuous series insofar as hardness and solubility are concerned. The varnish maker is thus able to select, from the series, exactly the grade of resin which best suits his particular needs.

A standard classification of natural resins is given below:

I—Low acid number resins, including Damar and East India Types
- A. Damar resins—spirit and oil soluble
  1. Batavia
  2. Singapore
- B. East India fossil or semi-fossil resins—oil soluble
  1. Batu
  2. Black East India
  3. East India Singapore packing (Rasak)
  4. East India Macassar packing (Hiroe)

II—Resins of high acid number originating in the East Indies, Copal type
- A. Manila resins
  1. Melengket or soft resins—spirit soluble
  2. Loba or half hard resins—spirit soluble
  3. Fossil or hard resins—spirit and oil soluble

III—African fossil or semi-fossil-oil soluble
- A. Congo

IV—New Zealand fossil or semi-fossil resins—spirit and oil soluble
- A. Kauri
- B. Bush Kauri

In general, the Manila and Damar resins are spirit soluble, while all others are oil soluble. The "spirits" or organic solvents which can be used in processing gums for varnish manufacture include the following groups, selections from which are governed by service and cost: Ansols, alcohols, coal [illegible] and petroleum hydrocarbons, chlorin[illegible] hydrocarbons, esters, ethers, ketones, turpentine derivatives, and some organic acids.

Of the above solvent group, U.S.I. is in a position to supply those derived from or associated with ethyl alcohol. These include Ansols, denatured alcohol, Solox (proprietary alcohol-type solvent), higher alcohols (butyl and amyl) and their esters.

TREATMENT OF NATURAL RESINS TO INSURE SOLUBILITY IN ANSOL

Many natural gums and resins must be pre-treated to increase their solubility, make them more compatible with nitrocellulose and to remove their water content.

Pontianac, some of the Manilas and Kauris are soluble without treatment. When used in spirit varnish without the addition of nitro-cotton, Pontianac and Manila give better results if they are not treated. Kauri should be treated to remove excessive moisture.

Congo and some of the harder Manilas must be treated when used in spirit varnishes since they are nearly insoluble in alcohol. Damar requires only drying for about 24 hours to remove moisture.

Copal resins should be ground to a size from ten mesh to an impalpable powder—the finer the grinding, the better.

The ground resins are spread out on a canvas tray and exposed to the air with or without sunlight, with or without artificial heat, and with or without free circulation of air. A heated cabinet with removable shelves is often used. Time of treatment is usually 6-12 days.

After this period, the resins are dissolved in Ansol or a suitable solvent in standard mixing equipment. Dirt or foreign material is easily discarded by simple straining of the solution.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

The absolute viscosity of gases, oils, varnishes, viscous tars or syrups may be determined speedily and with extreme precision by the use of a viscosimeter now on the market. The instrument, which operates on the falling ball principle, is said to be well suited to routine industrial use. Six calibrated balls of different size are used in a calibrated glass tube containing the fluid to be tested. Accuracy is claimed to be from 0.1% to 0.5% with a range of from 0.01 to 1,000,000 (in centipoises). This accuracy enables the difference in viscosity of air and carbon dioxide or of distilled and tap water to be readily measured.

U S I

A new colloid mill, small in size and designed to clip, grind, and homogenize the material being treated, is on the market. The manufacturer reports that the apparatus is particularly suited for use in the chemical laboratory, and can also be employed in preparing certain kinds of foods. The mill is equipped with a ¼ H. P. motor.

U S I

Protection of wood, cellulose or pulp products can be accomplished by the use of a new type of impregnating resin. The resins are supplied in solution form, and are said to eliminate shrinking and swelling due to moisture absorption.

U S I

Metal finishing process for producing blue-black, satiny finish on iron and steel is said to give distinctive finish in fifteen minutes of immersion. Advantages claimed include ease of application, low cost per square foot, absence of scaling and of discoloration, and no altering of dimension.

U S I

Improved thermosetting resin solutions have recently been developed. Although specifically designed for coating armatures of motors and generators, it is said that they are also useful for impregnating metal castings to reduce porosity. These resins set up an infusible film by chemical reaction instead of by mere oxidation as in the case of oil varnishes.

U S I

A priming paint which can be applied directly over a rusted surface has been placed on the market. It is made on a chlorinated rubber base, and supplied as a semi-transparent liquid. The paint is said to chemically convert rust into a pigment, and to treat the metal surface to stop further rusting.

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

ALCOHOLS
Amyl Alcohols
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol
Ethyl Alcohols
Specially Denatured—All Formulas
Completely Denatured—All Formulas
Anhydrous—Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Solox—The General Solvent
Super Pyro—The Rustproof Anti-freeze
Pure (190) Proof—Tax Paid, Tax Free

ALCOHOLS
Butyl Alcohols
Normal and Secondary
Methyl Alcohol

ANSOLS
Ansol M
Ansol PR

ETHERS
Ethyl Ether
U.S.P. and Absolute (A.C.S.)

NITROCELLULOSE SOLUTIONS
Collodions
U.S.P., U.S.P. Flexible and Photo
Cotton Solutions

ESTER SOLVENTS
Acetic Ether
Amyl Acetates
High Test
Commercial
Technical
Secondary
Amyl Propionate
Butyl Acetates
Normal and Secondary
Diatol
Diethyl Carbonate
Estersols
Ethyl Acetates
85-88%, 99%, and U.S.P.
Ethyl Lactate

PLASTICIZERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER PRODUCTS
Acetoacetanilid
Ethyl Acetoacetate
Ethyl Chlorcarbonate
Ethyl Oxalate
Ethylene
Sodium Oxalacetate
Acetone
Methyl Acetone
Curbay Binder
Potash By-products

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

Amyl alcohol (see Alcohol, amyl).			
Butyrate, bots.	lb.	.90	1.00
Caproate, cns.	lb.	2.75	—
Chloride, normal, dms., works.	lb.	.56	—
small lots, works.	lb.	.68	—
Chlorides, mixed, tech., dms., c.l., works.	lb.	.07	—
l.c.l., works.	lb.	.077	—
tanks, works.	lb.	.06	—
Mercaptan, dms., l.c.l., works.	lb.	1.10	—
Nitrite, bots.	lb.	1.80	1.85
Salicylate, cans.	lb.	.65	1.25
Amylene, dms, c.l.	lb.	.102	—
l.c.l.	lb.	.11	—
tanks	lb.	.09	—
Anethol, bots.	lb.	1.05	1.10
Angelica root, dom., bls.	lb.	.23	.25
Import, natural, bls.	lb.	.55	.70
twisted, bls.	lb.	.60	.75
Angostura bark, bls.	lb.	.33	.35
Anilin oil, dms.	lb.	.16½	.17½
tanks	lb.	.15	—
Anise, Russian, bgs.	lb.	.00	Nom.
Spanish, bgs.	lb.	.15	.15½
Star, bgs.	lb.	.13	.14
Anisic aldehyde, bots.	lb.	2.15	3.00
Annatto paste, bxs.	lb.	.34	.37
Seed, bgs.	lb.	.07	.08
Anthraquinone, 99.5%, subl., bbls.	lb.	.50	.52
Antimony, butter (see Antimony chloride).			
Chloride, solut., dom., cbys.	lb.	.13	.17
Metal, dom.	lb.	.11½	—
import, c.i.f., duty paid	lb.	.12½	—
Needle, powd., bbls.	lb.	.11½	.12
Oxide, dom., bbls., c.l.	lb.	.12½	.13
l.c.l.	lb.	.13½	—
imports, bbls.	lb.	.13¾	—
Salts, 65 p.c., kgs.	lb.	.22	.25
Sulphuret, golden, bbls.	lb.	.22	.23
White pigment, bgs., Texas works, frt. alld. to ½c. c.l.	lb.	.10½	.13¼
Antipyrene, cns., ton lots.	lb.	2.00	—
smaller lots	lb.	2.10	2.15
Apomorphine, cns.	oz.	23.70	23.90
Archil extract, conc., bbls.	lb.	.21	.27
double, bbls.	lb.	.18	.20
triple, bbls.	lb.	.18	.20
Areca nuts, powd., bbls.	lb.	.11	.12
Arecoline hydrobromide, bots., vis.	oz.	5.50	5.75
Argols, crude, 30%, cake	lb.	.07	.08
80-85%, cake	lb.	.14	.15
Arnica flowers, bls.	lb.	.30	.32
Root, bls.	lb.	.38	.40
Arrowroot, St. Vincent, powd., bgs.	lb.	.08½	.08¾
bbls.	lb.	.08½	.09
Arsenic iodide (arsenous), bots., jars.	lb.	5.15	5.20
Metal, lump, cs.	lb.	.42	.46
Red, import., cs.	lb.	.15¾	.16¼
Trioxide (see Acid, arsenous).			
White, powd., kgs. c.l.	lb.	.03½	—
l.c.l.	lb.	.04½	—
Japanese, cs.	lb.	.03¾	.04¼
Arsenous chloride, liq., bot.	lb.	1.85	—
Asafetida, cs.	lb.	.18	.19
powd., bbls., bxs.	lb.	.32	.35
Asbestine (see Talc, N. Y. fibrous).			
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines.	ton.	87.50	—
5R, bgs., c.l. (20 tons), Canad. mines	ton.	35.00	—
6D, bgs., c.l. (30 tons). Canad. mines.	ton.	27.00	—
7D, bgs., c.l. (30 tons), Canad. mines.	ton.	23.00	—
7F, bgs., c.l. (30 tons), Canad. mines.	ton.	21.00	—
7H, bgs., c.l. (30 tons), Canad. mines.	ton.	17.00	—
7K, bgs., c.l. (30 tons), Canad. mines.	ton.	14.50	—
7M, bgs., c.l. (30 tons), Canad. mines.	ton.	12.00	—
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.	lb.	.02¼	—
smaller lots, f.o.b. N. Y.	lb.	.03½	—
AA, bgs., 20 tons, f.o.b. N. Y.	lb.	.03½	—
smaller lots, f.o.b. N. Y.	lb.	.10½	—
California, dms., c.l., f.o.b. N.Y.	ton.	29.00	—
l.c.l., f.o.b. N. Y.	ton.	36.50	—
Cuban, A., bgs., c.l., f.o.b. N.Y.	ton.	60.00	—
l.c.l., f.o.b. N.Y.	ton.	90.00	—
B, bgs., c.l., f.o.b. N.Y.	ton.	35.00	—
l.c.l., f.o.b. N.Y.	ton.	55.00	—
Egyptian, bgs., c.l., f.o.b. N.Y.	lb.	.12	—
l.c.l., f.o.b. N.Y.	lb.	.15	—
Gilsonite, brilliant black, bgs., c.l., Colo. points	ton.	32.00	—
seconds, bgs., c.l., Colo. points	ton.	23.50	—
selects, bgs., c.l., Colo., Utah points.	ton.	30.50	—
l.c.l., f.o.b., or N.J. or N.Y., whse.	ton.	49.50	—
Maltha, dms., c.l., f.o.b. N.Y.	ton.	29.00	—
l.c.l., f.o.b. N.Y.	ton.	36.50	—
Manjak (see Asphaltum, Barbados).			
Mexican, Texas, dms., c.l., refinery.	ton.	19.00	—
l.c.l., refinery	ton.	21.00	—
tanks, refinery	ton.	16.00	—
Petroleum cut-back, bbls., l.c.l., refinery.	gal.	.12	—
dms., c.l., refinery.	gal.	.12	—
tanks, Calif., refinery.	gal.	.05102	—
East Coast, Ill., Ind. refinery.	gal.	.06¼	—
N. Orleans refinery.	gal.	.06	—
Wyo., refinery	gal.	.07½	—
Atropine alkaloid, vis.	oz.	5.25	5.50
Sulphate, vis.	oz.	2.25	2.35

B

Balm of Gilead buds, bgs.	lb.	.21	.23
Barberry bark, bgs.	lb.	.10	.11
Root bark, bls.	lb.	.16	.17
Barbital, cs.	lb.	3.25	3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works.	ton.	42.00	—
99% 200 mesh, bgs., c.l. works.	ton.	45.00	—
precip., bgs.	ton.	56.50	61.50
Chlorate, kgs.	lb.	.15½	.17¼
Chloride, CP., cryst., bbls.	lb.	.18	.20
tech., dom., cryst., bbls., bgs., c.l., works.	ton.	72.00	74.00
l.c.l., delvd., N. Y.	ton.	83.00	87.00
Barium dioxide, dms.	lb.	.11	.15
Fluoride, bbls.	lb.	.15	.16
Fluosilicate, bbls.	lb.	.15	.16
Hydrate (see Hydroxide).			
Hydroxide, bbls.	lb.	.05½	.07¼
Iodide, bots.	lb.	4.40	4.45
Monoxide (see Oxide).			
Nitrate, cks.	lb.	.08¼	—
Oxide, dms.	lb.	.11	.15
Peroxide (see Dioxide).			
Sulphate, tech. (see Barytes and blanc fixe).			
X-ray, bbls.	lb.	.13	—

Barytes, dom., floated, bbls., c.l., St. Louis.	ton.	23.65	—
l.c.l., ex whse., Boston.	ton.	36.00	—
Chicago	ton.	30.85	—
Cleveland	ton.	33.50	—
New York	ton.	32.00	—
paper bgs., c.l., St. Louis.	ton.	22.85	—
l.c.l., ex car, Baltimore.	ton.	30.70	—
Boston	ton.	31.70	—
Philadelphia	ton.	30.50	—
ex whse., Baltimore.	ton.	32.10	—
Boston	ton.	35.20	—
Chicago	ton.	30.85	—
Cleveland	ton.	33.00	—
Detroit	ton.	33.00	—
Kansas City	ton.	30.95	—
Los Angeles	ton.	42.00	—
New York	ton.	31.50	—
Philadelphia	ton.	31.90	—
San Francisco	ton.	42.00	—
Toronto	ton.	39.30	—
Southern off color, bulk, mines.	ton.	12.00	—
95.75%, bulk, mines.	ton.	16.00	—
German, grd., bbls., c.l., ex dock, t.a.	ton.	24.00	—
l.c.l., ex whse.	ton.	29.00	—
ungrd., bulk, c.l., ex dock.	ton.	13.00	14.00
Italian, grd., bbls., c.l., ex dock, t.a.	ton.	29.50	—
l.c.l., ex whse.	ton.	32.50	—
Bauxite, bulk, mines.	ton.	7.00	10.00
Bay leaves (see Laurel leaves).			
Bay rum, import., bbls.	gal.	.70	.75
Bayberry bark, bgs.	lb.	.07½	.08
Belladonna leaves, bls.	lb.	.14	.15
Root, bls.	lb.	.11	.12

Bentonite, 1, 95% 300 mesh, bgs., Wyo. works.	ton.	16.00	—
2, 92%, 300 mesh, bgs., Wyo., works.	ton.	11.00	—
Benzaldehyde, tech., dms.	lb.	.60	.62
USP, IX, dms.	lb.	1.10	1.20
USP, X, dms.	lb.	1.30	1.35
Benzene (see benzol)			
Benzidin base, bbls.	lb.	.72	.74
Benzol, 90%, nitration, pure, dms, works	gal.	.21	—
tankcars, frt. alld. E. of Omaha.	gal.	.16	—
Benzol tankcar prices, West, f.o.b. sellers' works.			
Benzoyl chloride, dms.	lb.	.40	.45
Peroxide, cns., works.	lb.	1.85	—
Benzyl acetate, f.f.c., bots.	lb.	.55	1.00
Alcohol (see Alcohol, benzyl).			
Benzoate, a.m.a., f.f.c., tins.	lb.	.90	1.20
Chloride, 95-97%, refd., dms.	lb.	.30	.40
tech., dms.	lb.	.25	.26
Formate, cns.	lb.	2.75	3.50
Benzylidin acetone, bots.	lb.	2.35	3.50
Berberine bisulphate, bots.	lb.	13.00	—
Hydrochloride, bots.	lb.	13.00	—
Sulphate, bots.	lb.	14.75	—
Berberis root, bls.	lb.	.09	.10
Betanaphthol, subim., bbls.	lb.	.55	—
tech., bbls.	lb.	.24	.27
Benzoate, bxs., kgs.	lb.	2.35	2.50
Betanaphthylamine, tech., kgs.	lb.	.53	.55
Beth root, bls.	lb.	.10	.11
Bismuth, chloride, bxs.	lb.	3.20	3.25
Citrate, USP, VIII, bxs.	lb.	2.65	2.70
Hydroxide, bxs.	lb.	3.15	3.20
Metal, ton lots.	lb.	1.00	—
Nitrate, cryst., jars.	lb.	1.20	1.25
Oxychloride, bxs.	lb.	2.95	3.00
Subbenzoate, bxs.	lb.	3.25	3.30

Amyl Alcohol—Black, Bone

Bismuth, subcarbonate, fib. dms.	lb.	1.40	1.45
X-ray, bots., fib. dms.	lb.	2.00	2.05
Subgallate, bbls.	lb.	1.50	1.55
Subiodide, bots.	lb.	3.88	3.98
Subnitrate, powd., bots., fib. dms.	lb.	1.30	1.35
Subsalicylate, 62-66%, bbls.	lb.	2.35	2.40
Sulphocarbolate, bots.	lb.	3.60	3.65
Trioxide, powd., bxs.	lb.	3.45	3.50
Bismuth-ammonia citrate, USP, powd., cns.	lb.	3.30	3.35
Bismuth-betanaphthol, bxs.	lb.	3.05	3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E.	lb.	.15	—
l.c.l., frt. alld. E.	lb.	.15½	—
1, bbls., bgs., c.l., frt. alld. E.	lb.	.11½	—
l.c.l., frt. alld. E.	lb.	.12	—
2, bbls., bgs., c.l., frt. alld. E.	lb.	.09½	—
l.c.l., frt. alld. E.	lb.	.10	—
3, bbls., bgs., c.l., frt. alld. E.	lb.	.08½	—
l.c.l., frt. alld. E.	lb.	.09	—
4, bbls., bgs., c.l., frt. alld. E.	lb.	.07½	—
l.c.l., frt. alld. E.	lb.	.08	—
5, bbls., bgs., c.l., frt. alld. E.	lb.	.06½	—
l.c.l., frt. alld. E.	lb.	.07	—
6, bbls., bgs., c.l., frt. alld. E.	lb.	.05½	—
l.c.l., frt. alld. E.	lb.	.06	—
7, bbls., bgs., c.l., frt. alld. E.	lb.	.08	—
l.c.l., frt. alld. E.	lb.	.08½	—

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

FOR QUALITY UNIFORMITY *and* AVAILABILITY

The Entire Range of

COAL TAR PRODUCTS

ACIDS

CRESYLIC ACID
HIGH BOILING TAR ACIDS
HIGH BOILING XYLENOLS
LOW BOILING XYLENOLS
META PARA CRESOL
ORTHO CRESOL
PHENOL
SYMMETRICAL XYLENOLS
TAR ACID OILS (All Grades)
TECHNICAL CRESOL
U. S. P. CRESOL
U. S. P. PHENOL

CHEMICALS

ACENAPHTHENE
ANTHRACENE
CARBAZOLE
DIMETHYLNAPHTHALENE
FLUORENE
METHYLNAPHTHALENE
RE-NAP NAPHTHALENE
PHENANTHRENE

COAL TAR OILS

LIGHT OILS
NEUTRAL OIL
TAR ACID OILS (All Grades)
LAMP BLACK OIL
INSECTICIDE OIL
DORMANT SPRAY OIL
DISINFECTING OIL
BINDER TWINE OIL
SPECIAL DISTILLATES

INDUR PLASTICS

(TO SPECIFICATION)

INSULATING VARNISH
LAMINATING VARNISH
MOLDING POWDER
MOLDING RESIN

CREOSOTE OILS

(ALL SPECIFICATIONS)

A. R. E. A. CREOSOTE OIL
A. W. P. A. CREOSOTE OIL
ANTHRACENE OIL
BRUSHING OIL
CHINCH BUG OIL
DEAD OIL
REILLY WOOD PRESERVING OIL

TAR

COAL TAR
COKE OVEN TAR
FISH NET TAR
PIPE DIP TAR
REFINED COAL TAR
SATURATING TAR
WATER GAS TAR

PITCH

BATTERY PITCH
BRIQUETTING PITCH
COAL TAR PITCH
CORE PITCH
FUEL PITCH
PAVING PITCH
PITCH COKE
ROOFING PITCH

SPECIAL PRODUCTS

CARBON COKE
COAL TAR PAINTS
FLOTATION OILS
FLOTATION REAGENTS
PICKLING INHIBITORS
PIPE COATING
REILLY CARBON
REILLY TRANSPARENT PENETRATING CREOSOTE
ROOFING FELT, PITCH AND TAR
TRAFFIC MARKING PAINT
BITUVIA ROAD TAR

Reilly
COAL TAR PRODUCTS

REILLY TAR & CHEMICAL CORPORATION

Executive Offices: Merchants Bank Building, Indianapolis, Indiana

2513 SO. DAMEN AVENUE, CHICAGO, ILLINOIS 500 FIFTH AVENUE, NEW YORK, N. Y. ST. LOUIS PARK, MINNEAPOLIS, MINN.

FOURTEEN PLANTS TO SERVE YOU

Black, Carbon—Chloroform

Black, carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd. .....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¾- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08¾- —
l.c.l., dlvd. .....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l. works....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)...lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico) .....lb. .0455- —
l.c.l. dlvd. all zones....lb. .07 - —
ctns., dlvd. all zones.....lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, comprad., cs., f.a.s. Gulf ports..lb. .05½ Nom.
unecompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .19 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y...lb. .09 - —
2, bbls., c.l. f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¾- —
B, bbls., works or N. Y....lb. .05¾- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66%%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 4.00 - 4.25
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 4.50 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 3.60 - —
soluble (see Albumen, blood)
Bloodroot, bls .....lb. .12 - .18
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
Blue, ultramarine, dry, special, 1, bbls., same basis.....lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue Vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis..100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100 lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies..lb. .08 - .081
l.c.l., dealers, E. of Rockies...lb. .09 - .095
jobbers, E. of Rockies..lb. .085 - .086
Blueflag root, bls.....lb. .16 - .18
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton.23.00 -25.00
c.i.f. Atlantic ports..ton.29.50 - —
S.A., bgs., c.i.f. ports..ton.28.00 - —
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.17.00 -18.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.25.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs, f.o.b. Chicago..ton.19.00 -21.00
import, 100-lb. bgs., c.i.f. ports..ton.25.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18½
West .....lb. .09½- .11½
jobbers, East.....lb. .08¾- .14¾
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s.,c.l.,works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP, jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works...lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08½- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls, same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .06½- —
12, bbls., same basis.....lb. .06 - —
13, bbls., same basis.....lb. .05¾- —
14, bbls., same basis.....lb. .05½- —
raw, American, bbls., works.lb. .02¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .05¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .06 - .09
Bryonia roots, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .70 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd, E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Acohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- .23½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.54 - 1.59
Iodide, bots, jars.....lb. 3.75 - 3.80
Lithopone (see Yellow).
Metal, cs.....lb. 1.05 - —
Red (see Red).
Sulphide (see Yellow).
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .18
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .06¼- —
dealers, E. of Rockies..lb. .06¼- —
South .....lb. .06¼- —
jobbers, E. of Rockies.lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¼- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .06¾- —
jobbers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Bromide, jar.....lb. .60 - .63
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton.22.00 -25.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.25
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -22.50
l.c.l., 1 ton or over, dlvd..100-lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.26.10 - —
Palmitate, bbls.....lb. .21 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, c.i.f. Atlantic ports..unit-ton. .66 - —
tri-basic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .12 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 70%, CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
33/35 CaC c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, lb. .75 - —
Sulphocarbolate, cs.....lb. .47 - .48
Calendula flowers, bls.....lb. .60 - .65
Calomel, bxs., kgs.....lb. 1.24 - —
Camphor, natural, powd., cs...lb. .53½- .54½
slabs, cs.....lb. .53½- .54½
tablets, tins .....lb. .07½- .08½
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .46½- —
500 lbs. .....lb. .50½- —
100 lbs. .....lb. .51½- —
tablets, cs., 2,000 lbs.....lb. .54 - —
500 lbs. .....lb. .56 - —
100 lbs. .....lb. .57 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¾- .07
Morocco, bgs.....lb. .07¼- .07¾
Turkish, bgs.....lb. .07¼- .07¾
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .15 - .16
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.50 - 1.55
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .08¼- .09
Carbazole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .89 - —
98-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .80 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .90 - —
small lots, works.....lb. .75 - —
Isobutyl, 126-132°, dms., c.l., works..lb. .82 - —
l.c.l., works.....lb. .84 - —
tanks, works.....lb. .83 - —
Methylpropyl, dms., works..lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .05¼- .06½
tanks .....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va.. lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06½- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06½- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.00 - 1.30
decorticated, cs.....lb. 1.15 - 1.25
green, bgs.....lb. .95 - .98
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
30%, lump, dms, l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.....lb. .17½- —
5 tons, works.....lb. .17¾- —
smaller lots, works.....lb. .18¾- —
80-100 mesh, bgs, c.l., dlvd.. lb. .18 - —
5 tons, works.....lb. .18½- —
smaller lots, works.....lb. .19¾- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .17 - —
80-100 mesh, bgs., c.l., duty pd..lb. .17½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .18 - .18½
Cassia, Batavia, 1, bgs.....lb. .14 - .14½
3, bls.....lb. .07¾- .08¾
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra, bls.....lb. .05¾- .04
Saigon, cs.....lb. .17½- .18
Cassia buds, cs.....lb. .13½- .14
Cassia fistula, bskts.....lb. .15 - .16
Castile soap, white, bars, cs., 40 lbs.20.00 - —
powd., bbls. .....lb. .22 - .26
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.17.00 - —
import, bgs., c.i.f., ports, shipment..ton. No prices
Catnep leaves, bls.....lb. .21 - .22
Celery seed, French, bgs.....lb. .18½- .19
Indian, bgs.....lb. .13½- .15¾
Celluloid scrap, amber, cs....lb. .12 - .13
black, cs., works.....lb. .06 - .09
China white, ivory, cs., works. lb. .12 - .13
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works....lb. .09 - .10
translucent pastels, cs., works. lb. .13 - .14
transparent, cs., works....lb. .12 - .13
colors, cs, works.....lb. .06 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .13 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y..bbl. 6.19 - —
truck divy.....bbl. 7.40 - —
less than 5 tons, truck divy. bbl. 8.66 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works...lb. .30 - —
kgs., works.....lb. .80 - —
Chalk, precip., ext. light, csks., c.l...lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs...lb. .23 - .24
Roman, bls.....lb. .33 - .39
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.ton.28.40 - —
Conn., Me., Mass., N. H., R. I., Vt.....ton.29.90 - —
Ill., Wis. .....ton.23.00 - —
Indiana .....ton.26.00 - —
Mich., Ohio, Penn..ton.27.80 - —
l.c.l., works.....ton.16.00 - —
Willow, powd.,bbls.....lb. .04 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., airfloat., 99.75% 200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -10.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -10.00
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.25.00 - —
ex whse.....ton.27.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .22 - .23
500 lbs.....lb. .24 - .26
100 lbs.....lb. .25 - .27
25 lbs.....lb. .30 - .32
1-10 lbs.....lb. .32 - 1.35
dms., 1,000 lbs.....lb. .20 - —
500 lbs.....lb. .22 - —
100 lbs.....lb. .25 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .06¼- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald..100 lbs. 2.20 - —
1-3, works, frt. equald.... 100 lbs. 2.35 - —
Chloroacetophenone, tins, works. lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .23 - —
50-lb. tins.....lb. .26 - —
USP, 650-lb. dms.....lb. .20 - —
100-lb. dms.....lb. .23 - —
50-lb. dms.....lb. .26 - —

Chloropicrin, comi., cyls., works.	lb.	.80	- .90
Chrome acetate, bbls.	lb.	.05	- .08
Cake, bulk., c.l., works	ton.	11.00	-12.00
Green (see Green, chrome)			
Oxide (see Green, chrome oxide)			
Sulphate, pearls, bxs., cns., fib. dms.	lb.	.40	- .45
powd., bxs., cnt., fib. dms.	lb.	.45	- .50
scales, bxs., cns., fib. dms.	lb.	.45	- .50
Trioxide (see Acid, chromic)			
Yellow (see Yellow, chrome)			
Chrysarobin, cns.	lb.	3.25	- 3.50
Cinchona bark, chips, bgs.	lb.	.25	- .30
high test, bgs.	lb.	.45	- .50
quills, broken, bgs.	lb.	.25	- .30
long, cs.	lb.	.60	- .80
short, bgs.	lb.	.50	- .55
Ecuador, tubes.	lb.	.25	- .30
Cinchonidine, cryst., powd., cns.	oz.	.80	- .87
Sulphate, cns.	oz.	.47	- —
Cinchonine, cryst., powd., cns.	oz.	.50	- .55
Sulphate, cns.	oz.	.34	- —
Cincophen, USP., bbls.	lb.	2.64	- —
bxs., dms., kgs.	lb.	2.75	- 2.90
Cinnamic alcohol (see Alcohol, cinnamic)			
Aldehyde, f.f.c., bots.	lb.	1.55	- 2.00
Cinnamon, Ceylon, 2 bls.	lb.	.16¾-	.17¼
3, bls.	lb.	.15¾-	.16¼
Citral, cns.	lb.	1.75	- 2.15
Citrine ointment, jars, tubes.	lb.	.87	- —
Citronellal, bots.	lb.	1.25	- 1.50
Citronellol, bots.	lb.	1.90	- 2.15
Clove, Madagascar, bls.	lb.	.15⅝-	.16
Zanzibar, bls.	lb.	.15⅝-	.16
Clover tops, bls.	lb.	.12	- .13
Coaltar, coal-gas, crude, bbls., c.l., works	bbl.	7.25	- —
l.c.l., works	bbl.	8.00	- —
tanks, works	gal.	.07	- .08
refd., bbls., c.l., works	bbl.	7.75	- —
l.c.l., works	bbl.	8.50	- —
tanks, works	gal.	.08	- .10
water-gas, crude, dms., c.l., works	dm.	6.75	- —
l.c.l., works	dm.	7.50	- —
tanks, works	gal.	.07	- .08
refd., dms., c.l., works	dm.	7.25	- —
l.c.l., works	dm.	8.00	- —
tanks, works	gal.	.08	- .09
Cobalt acetate, bbls., dlvd.	lb.	.58	- .60
kgs., dlvd.	lb.	.65	- —
Carbonate, tech., bbls., dlvd.	lb.	1.42½-	—
Chloride, dms., works.	lb.	.67¾-	.73¾
Hydrate, bbls.	lb.	1.60	- 1.70
Linoleate, paste, 6% dms.	lb.	.31½-	—
solid, 8½%, bbls.	lb.	.32½-	—
Oleate, bbls.	lb.	.26	- —
Oxide, black, kgs.	lb.	1.41	- 1.51
Resinate, fused, A, bbls.	lb.	.13	- —
1%, bbls.	lb.	.17¼-	—
2%, bbls.	lb.	.16¾-	.17
3%, bbls.	lb.	.17¼-	.18
precip., dms., dlvd.	lb.	.30½-	—
Sulphate, dms.	lb.	.51	- .53
Cocaine hydrochloride, cns.	oz.	9.75	-10.00
Cochineal, gray, bgs.	lb.	.32	- .35
Teneriffe, silver, bgs.	lb.	.33	- .37
Coditana bark, bgs.	lb.	.20	- .21
Cocoa butter, lump, bgs., c.l.	lb.	.17	- .17¼
Codeine, cns., 100 ozs.	oz.	11.70	-12.45
Hydrochloride, cns., 100 ozs.	oz.	10.50	-10.85
Phosphate, cns., 100 ozs.	oz.	9.00	- 9.35
Sulphate, cns., 100 ozs.	oz.	9.50	- 9.85
Codliver oil (see Oil, codliver)			
Cohosh, black, root, bls.	lb.	.97	- .97½
Blue, root, bls.	lb.	.96	- .96½
Colchicine, vls.	oz.	24.00	-25.00
Colchicum seed, bgs.	lb.	.23	- .25
Collodion, USP, dms.	lb.	.12	- .13
Flexible, USP, dms.	lb.	.14	- .15
Colocynth pulp, bls.	lb.	.65	- .70
Colombo root bls.	lb.	.11	- .12
Coltsfoot leaves, bgs.	lb.	.09	- .10
Condurango bark bgs.	lb.	.09	- .10
Conium leaves, bls.	lb.	.18	- .19
Copaiba balsam, Para, cns.	lb.	.19	- .20
S.A., USP, cns.	lb.	.21	- .22
Copper carbonate, 53-55%, bbls.	lb.	.14½-	.16¼
18-20%, bbls.	lb.	.07	- .08
Chloride, bbls.	lb.	.17	- .18
Cyanide, tech., bbls.	lb.	.37	- .38
Iodide, bots.	lb.	4.97	- 5.02
Metal, electrolytic.	lb.	.09¾-	—
Oleate, precip. bbls.	lb.	.20	- —
Oxide, black, bbls., tons, works.	lb.	.14½-	—
smaller lots works	lb.	.15	- —
Red, com'l. 50-75%, kgs., c.l., f.o.b. N.Y.	lb.	.14	- —
l.c.l., f.o.b. N. Y.	lb.	.15	- —
Resinate, precip., bbls.	lb.	.18	- .19
Stearate, precip., bbls.	lb.	.35	- .40
Sulphate (see Blue vitriol)			
Copperas, cryst., gran., bgs., c.l., works	ton.	14.00	-15.00
bbls., c.l., works	ton.	16.00	-17.00
l.c.l., 25 or over, works	100 lbs.	1.85	- —
5-24, works	100 lbs.	1.50	- —
1-4, works	100 lbs.	2.00	- —
bulk, c.l., works	ton.	12.00	-13.00
Copra, bgs., Pacific Coast	lb.	.0315-	.0320
Coriander seed, Morocco, bgs.	lb.	.05½-	.05¾
bleached, bgs.	lb.	.08	- .09¼
Russian, bgs.	lb.	No stocks.	
Corn sugar, tanners, bbls., dlvd.	100 lbs.	4.03	- —
ex whse.	100 lbs.	3.98	- —
Syrup, 42°, bbls.	100 lbs.	3.95	- —
43°, bbls.	100 lbs.	4.05	- —
Cornsilk, bls.	lb.	.07½-	.08
Corrosive sublimate, cryst., bxs., fib. dms., kgs.	lb.	1.08	- —
gran., bxs., fib. dms., kgs.	lb.	.98	- —
powd. bxs., fib. dms., kgs.	lb.	.93	- —
Cottonroot bark, bls.	lb.	.11	- .12
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd.	unit-ton.	1.06	- —
Coumarin, cns.	lb.	3.10	- 3.35
Cramp bark, genuine, bls.	lb.	.20	- .21
so-called, bls.	lb.	.07	- .08
Cranesbill root, bls.	lb.	.10	- .11
Cream tartar, cryst., bbls.	lb.	.16¾-	.17¼
kgs.	lb.	.17¼-	.17¾
gran., bbls.	lb.	.16¼-	.16¾
kgs.	lb.	.16¾-	.17¼
powd., bbls.	lb.	.16¼-	.16¾
kgs.	lb.	.16¾-	.17¼
Creosote, wood, beech., bots.	lb.	.70	- .75
pine, dms.	gal.	.28	- —
USP, bots.	lb.	.45	- .47
Carbonate, bots., obys.	lb.	1.40	- 1.75
Oil, crude, I, tanks, works	gal.	.12½-	.13½
II (coaltar solution), tanks, works	gal.	.109	- .12
refd., bbls., c.l., works	gal.	.22½-	—
l.c.l., works	gal.	.25	- —
tanks, works	gal.	.13	- .13½
Cresol, USP., dms.	lb.	.10	- .10½
Crotonaldehyde, tech., dms., c.l., works	lb.	.28	- —
l.c.l., works	lb.	.30	- —

Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.	lb.	.33¾-	—
1 ton, same basis	lb.	.35	- —
1,000 lbs., same basis	lb.	.36	- —
1 bbl., same basis	lb.	.38	- —
4% rotenone, bbls., 5 tons, same basis	lb.	.28¾-	—
1 ton, same basis	lb.	.30	- —
1,000 lbs., same basis	lb.	.31	- —
1 bbl., same basis	lb.	.33	- —
5% rotenone, bbls., 5 tons, same basis	lb.	.24½-	—
1 ton, same basis	lb.	.26	- —
1,000 lbs., same basis	lb.	.27	- —
1 bbl., same basis	lb.	.29	- —
Cubeb berries, XX, bgs.	lbs.	.35	- .36
powd., cs.		.39	- .40
Culver's root, bls.	lb.	.16	- .17
Cumin seed, Algerian, bgs.	lb.	.09¾-	.10¼
Indian, bgs.	lb.	.09¼-	.09½
Morocco, bgs.	lb.	.11⅝	Nom.
Cutch, Philippine, bls., c.l.	lb.	.04	- —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3.	unit.	1.07½-	—
Atlantic ports, NH_3.	unit.	1.03	- —
Cyanide-chloride mixture, 75%, gran., dms.	lb.	.16	- .17
lump, dms.	lb.	.14	- .15

D

Damiana leaves, bls.	lb.	.16	- .17
Dandelion root, German, bls.	lb.	.19	- .20
Deertongue leaves, bls.	lb.	.08	- .09
Degras, common, dom., bbls.	lb.	.05½-	.06
English, bbls.	lb.	.05¾-	.06½
Japanese, bbls.	lb.	.07	- .07¾
neutral, dom., bbls.	lb.	.06½-	.10½
English, bbls.	lb.	.09	- .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.	lb.	.43	- —
1 ton, same basis	lb.	.44	- —
1,000 lbs., same basis	lb.	.46	- —
1 bbl., same basis	lb.	.48	- —
4% rotenone, bbls., 5 tons, same basis	lb.	.37	- —
1 ton, same basis	lb.	.38	- —
1,000 lbs., same basis	lb.	.40	- —
1 bbl., same basis	lb.	.42	- —
3% rotenone, bbls., 5 tons, same basis	lb.	.32	- —
1 ton, same basis	lb.	.33	- —
1,000 lbs., same basis	lb.	.35	- —
1 bbl., same basis	lb.	.37	- —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago	100 lbs.	4.75	- —
l.c.l., f.o.b. Chicago	100 lbs.	5.05	- —
Corn, canary, bgs., c.l., f.o.b. Chicago	100 lbs.	4.50	- —
l.c.l., f.o.b. Chicago	100 lbs.	4.70	- —
white, bgs., c.l., f.o.b. Chicago	100 lbs.	4.45	- —
l.c.l., f.o.b. Chicago	100 lbs.	4.75	- —
Potato, import., bgs.	lb.	.07¾-	.08¾
Tapioca, bgs., ex whse.	lb.	.08	- —
Diamyl ether, dms., c.l., works.	lb.	.088	- —
l.c.l., works	lb.	.092	- —
tanks, works	lb.	.075	- —
Phthalate, dms., c.l., dlvd.	lb.	.19	- —
l.c.l., dlvd.	lb.	.19½-	—
5-gal. dms., works	lb.	.23	- —
tanks, dlvd.	lb.	.18	- —
Sulphide, dms., l.c.l., works	lb.	1.10	- —
Diamylamine, dms., l.c.l., works	lb.	.75	- —
Diamylene, dms., c.l., works.	lb.	.098	- —
l.c.l., works	lb.	.102	- —
tanks, works	lb.	.085	- —
Dianisidin, bbls.	lb.	2.25	- 2.45

Chloropicrin—Diglycol Oleate

Diatomaceous earth, dom., bgs., c.l., Pacific cst., works.	ton.	22.00	-25.00
l.c.l., ex whse.	ton.	45.00	-180.00
import., bgs., c.l., f.o.b. N.Y.	ton.	40.00	- —
Dibutyl phthalate, dms.	lb.	.18	- 18½
Tartrate, dom., dms.	lb.	.35	- .40
import., dms.	lb.	.80	- .85
Dicalcium phosphate (see Calcium phosphate, dibasic)			
Dichloroethyl ether, dms., c.l., works.	lb.	.16	- —
l.c.l., works	lb.	.17	- —
tanks, works	lb.	.15	- —
Dichloropentanes, dms., c.l., works.	lb.	.082	- —
l.c.l., works	lb.	.04	- —
tanks, works	lb.	.025	- —
Diethanolamine, dms.	lb.	.81	- .85
Diethyl carbonate, comi., dms.	lb.	.81⅝-	—
refd., 99%, dms.	lb.	.50	- —
Carbinol (see Carbinol)			
Phthalate, dms., c.l.	lb.	.18½-	—
l.c.l.	lb.	.19	- —
tanks	lb.	.17½-	—
Diethylanilin, dms.	lb.	.83	- .84
Diethylene oxide, dms., c.l., works	lb.	.20	- —
l.c.l., works	lb.	.21	- .24
tanks, works	lb.	.19	- —
Diethyleneglycol, dms., c.l., works	lb.	.16½-	—
l.c.l., works	lb.	.17½-	—
Monobutylether, dms., works.	lb.	.26	- .27
Monoethylether, dms., c.l., works.	lb.	.16	- —
l.c.l., works	lb.	.17	- —
tanks, works	lb.	.15	- —
Digitalis leaves, dms.	lb.	.23	- .25
Diglycol oleate, light, bbls.	lb	.24	- —

Arrived ★
COLUMBIA
LIQUID CHLORINE
★NEW..ULTRA-MODERN PLANT
NOW IN PRODUCTION
★LATEST TECHNIQUE
COLUMBIA LIQUID CHLORINE
Specify
COLUMBIA★
Delivery in single and multiple unit tank cars . . Also in 100 lb. and 150 lb. cylinders.
And • of course • the same top standards of purity, uniformity and SERVICE that have distinguished COLUMBIA products for nearly half a century.
SODA ASH
CAUSTIC SODA
MODIFIED SODAS
CALCIUM CHLORIDE
AND NOW
Liquid Chlorine
THE COLUMBIA ALKALI CORPORATION
EXECUTIVE SALES OFFICES • 30 ROCKEFELLER PLAZA • NEW YORK
Branch Sales Offices • BARBERTON, OHIO • 431-451 ST. CLAIR ST., CHICAGO
CAREW TOWER, CINCINNATI • GRANT BLDG., PITTSBURGH • Plant at Barberton, Ohio

PROGRESS OF CHEMISTRY

(NO. 8 OF A SERIES)

PROTECTIVE VALUE OF PAINT AN ANCIENT DISCOVERY

THE use of adhesive coatings on surfaces needing protection or reinforcement goes back almost to prehistoric times. Ancient savages smeared their bodies with oily substances mixed with ashes for protection against cold in arctic climes or insect bites in the tropics. Wax, resin and pitch, melted by the heat of the sun, were used as coatings that protected wood from moisture and decay. Other substances fused over the surface of the primitive clay vessels made them non-porous and accidently led to the discovery of vitreous glazes.

Chemical progress has made possible the modern weather and wear-resisting paint coatings. Out of the exigencies of the World War came the marvelous, quick-drying lacquer that finishes today's automobiles, airplanes, yachts in a wide range of beautiful colors. It is almost as durable as the surface it coats and protects quickly and economically—thanks to chemistry.

Mallinckrodt Chemical Works has contributed much to advances in the paint and varnish industry. Based upon nearly three quarters of a century of chemical experience, Mallinckrodt fine chemicals for paints, varnishes, lacquers, etc., are of the highest quality and uniformity. Here are some:

Zinc Stearate . . . Aluminum Stearate . . . Calcium Stearate . . . Mercuric Oxide Red and Yellow . . . Corrosive Sublimate . . . Guaiacol Liquid Technical . . . Paraformaldehyde.

New Mallinckrodt Industrial-Pharmaceutical Price List now available. Send For Your Copy Today.

ST. LOUIS
CHICAGO
NEW YORK

Mallinckrodt
CHEMICAL WORKS

PHILADELPHIA
TORONTO
MONTREAL

FINE CHEMICALS FOR MEDICINAL, INDUSTRIAL, PHOTOGRAPHIC AND ANALYTICAL PURPOSES

Dill seed, dewhiskered, polished, bgs..lb. .07 - .07½
recleaned, bgs.....lb. .06½- .07
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylaniliin, dms.....lb. .20 - .20
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls.....lb. .14½- .15½
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .33 - .34
Dinitrotoluene, dms.....lb. .15½- .16½
oily, dms.....lb. .09½- .10
Diorthotoluylguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .30 - .35
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .21 - .23
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.32.00 -35.00
Extract, 25% tan., bbls.....lb. .05 - .05½
Dograss root, cut, bls.....lb. .12 - .18
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .06½- .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reds, thin, cs.....lb. .95 - 1.00
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
35 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .90 - 1.00
105 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R., paste.....lb. .85 - .90
189 Lake red R., powdered..lb. 2.00 - 2.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 3B.....lb. .60 - .80
269 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
354 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
383 Direct scarlet B.....lb. 1.50 - 1.75
397 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 3B.....lb. .35 - .90
418 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
430 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
496 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .80 - 1.00
529 Direct fast black FF...lb. .65 - 1.00
551 Direct black EW.....lb. .25 - .50
552 Direct black RX.....lb. .35 - .45
598 Direct green B.....lb. .75 - .80
604 Direct green G.....lb. 1.00 - 1.05
606 Direct brown 2GO.....lb. .25 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
606 Acid violet.....lb. 1.00 - 3.00
612 Primulin .....lb. .50 - .52
614 Direct fast yellow.....lb. 2.00 - 2.25
645 Nigrosin (water soluble)..lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .50 - .54
Sulphur tan.....lb. .40 - .50
Sulphur yellow.....lb. .50 - .50
Zambesi black.....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
885 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
Violet:—
1060 Anthrequinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow..lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .42 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .35 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 5.00 - —
Violet:—
680 Methyl violet.....lb. 1.90 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
248 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .35 - —
873 Methylene gray.....lb. 1.50 - —

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Blue:—
714 Patent blue A.....lb. 1.00 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
923 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .90 - —
331 Bismarck brown G..lb. .53 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
667 Malachite green.....lb. 1.85 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
934 Methylene green B..lb. 1.85 - —
1078 Alizarin cyanin green. lb. 2.85 - —
Orange:—
20 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .90 - —
161 Orange R.....lb. .54 - —
Red:—
51 Amidonaphthol red G. lb. .42 - —
57 Amidonaphthol red 6B. lb. .32 - —
79 Ponceau R.....lb. .42 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Asorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M.lb. .65 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 2.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
766 Eosin G.....lb. 1.50 - —
941 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .32 - —
681 Crystal violet C.....lb. 1.75 - —
685 Acid violet 4BN.....lb. .35 - —
Yellow:—
10 Naphthol yellow S..lb. .32 - —
188 Metanil yellow.....lb. .53 - —
456 Fast light yellow..lb. 1.25 - —
539 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .19 - .20
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
Import, cs.....lb. .50 - .52
Elder flowers, bright, bls.....lb. .20 - .21
dark, bls.....lb. .19 - .20
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls., cs.....lb. .17 - .18
Emetine hydrochloride, bots., vls. oz.15.00 -15.25
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 oxs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l. .....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs.....lb. 2.25 Nom.
Eserine, bots., vls.....oz.42.00 -42.25
Salicylate, bots., vls.....oz.29.00 -29.25
Sulphate, bots., vls.....oz.30.00 -30.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
anhyd., dms., c.l., frt. alld.lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylaniliin, dms.....lb. .85 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0604
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .19 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .22
tanks, works.....lb. .18 - —
Ethylidinaniliin, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd...lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns.....lb. .51 .52
Eucalyptus leaves, bls.....lb. .06 - .07
Eugenol, cns.....lb. 1.75 - 2.25
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs, lb. .07½- .08
India bgs.....lb. .07½- .09
German, large, bgs.....lb. .15 - .19
small, bgs.....lb. .12 - .15
Fenugreek seed, bgs.....lb. .04½- .05
Ferric sulphate, dms., works..ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .13½- .15
smaller lots, E. works. lb. .13½- .16
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works..lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .15
smaller lots, E. works.lb. .16 - .18
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls.....gal. .90 - 1.10
Fish berries, bgs.....lb. .10 - .11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 3.25 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.47.00 -48.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. No prices
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. 3.70&10 Nom.
Japanese, 11½% ammon., bgs., c.i.f. ports, shipt., No. 1 grade..ton.43.50 -44.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton.20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid...ton.31.00 -32.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .07
Fringetree bark, bls.....lb. .11 - .12
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.25.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .17½- .20
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .22
liquid, bbls.....lb. .06½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .47
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .18 - .20
Gambier, common, bgs.....lb. .06¾ Nom.
plantation, bgs.....lb. .09 Nom.
Cubes, Singapore, bgs.....lb. .07 - .08½
Extract, bbls.....lb. .08 .10
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .06¾- —
65 octane, tanks.....gal. .07 - —
above 65 octane, tanks.gal. .0755- —
California, 56-58, 375 e.p., tanks..gal. .05 - —
Gulf Coast, US motor, bulk, export..gal. .05½- —
60-62, 290 e.p., bulk, export. gal. .05½- .05½
60-62, 400 e.p., bulk, export. gal. .05¾- —
64-66, 375 e.p., bulk, export. gal. .05½- —
Louisiana-Arkansas, US motor, tanks..gal. .04½- .04¾
58-60, 450 e.p., tanks...gal. .04½- .04½
64-66, 375 e.p., tanks...gal. .05¾- .05¾
68-70, 350 e.p., tanks...gal. .04¾- .04¾
Oklahoma-Texas, US motor, 62 octane and below, tanks....gal. .04½- .04¾
63-67 octane, tanks....gal. .04¾- .04¾
68-70 octane, tanks....gal. .05½- .05¾
60-62, 400 e.p., tanks....gal. .04¾- .05
64-66, 375 e.p., tanks....gal. .05¾- .05½
natural, 12-lb. v.p., tanks, gal. .05½- .05¾
14-lb. v.p., tanks.....gal. .05½- —
18-lb. v.p., tanks.....gal. .0420- .04½
22-lb. v.p., tanks.....gal. .02¾- —
26-70-lb. v.p., tanks...gal. .03½- .03¾
Pennsylvania, US motor, tanks..gal. .05½- —
52-54, 450 e.p., naphtha, tanks..gal. .06¾- —
60-62, 400 e.p., strt. run, tanks..gal. .06 - —

Gasoline, tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta .....gal.	.206	.226
Boston .....gal.	.14	.16
Chicago .....gal.	.155	.175
Cincinnati .....gal.	.175	.195
Denver .....gal.	.19	.21
Louisville .....gal.	.19	.21
Minneapolis .....gal.	.161	.181
New Orleans.....gal.	.185	.22
New York.....gal.	.15 -	.182
San Francisco.....gal.	.17	.19

Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .11 - .12
grd., bbls., bxs.....lb. .12 - .14
powd., bbls., bxs.....lb. .14 - .15
Geraniol, cns.....lb. .75 - 3.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .16 - .16½
Cochin, lemon, bgs.....lb. .17¾- .18¼
Jamaica, bold, bgs.....lb. .19 - .21
grinding, bright, bgs....lb. .14¾- .16
medium, bold, bgs.....lb. .15 - .15½
Japanese, bgs.....lb. .16½- .17
Ginseng fibers, cs.....lb. 1.75 - 2.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
smaller lots.....100 lbs. 1.00 - —
bbls., 5 tons or over..... 100 lbs. .95 - —
smaller lots.....100 lbs. 1.10 - —
Import., bgs.....100 lbs. 1.05 - 1.85

Dill Seed—Gum, Chicle

Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
26/55, bgs., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
28/32, bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
48/106, bgs., c.l., dlvd....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
Hide, calcimine type, 53 millipoise, 185 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .13½- —
l.c.l., same basis.....lb. .14 - —
60/164, bgs, c.l., same basis.lb. .15 - —
l.c.l., same basis.....lb. .15½- —
67/192, bgs, c.l., same basis.lb. .16 - —
l.c.l., same basis.....lb. .16½- —
75/222, bgs., c.l., same basis.lb. .17 - —
l.c.l., same basis.....lb. .18 - —
83/251, bgs., c.l., same basis.lb. .18 - —
l.c.l., same basis.....lb. .19 - —
92/283, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis.....lb. .20 - —
103/315, bgs., c.l., same basis lb. .19½- —
l.c.l., same basis.....lb. .20½- —
118/347, bgs., c.l., same basis lb. .20½- —
l.c.l., same basis.....lb. .21½- —
125/379, bgs, c.l., same basis lb. .21½- —
l.c.l., same basis.....lb. .22½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C. P., cns., l.c.l.....lb. .19½- .20½
dms., extra, c.l.....lb. .17½- —
l.c.l. .....lb. .18 - .19
dynamite, dms., extra, c.l.....lb. .17½- —
l.c.l. .....lb. .18 - .19
saponification, basis 88%, dms. returnable, dlvd..lb. .14 - .15
soaplye, basis 80%, dms. returnable, dlvd..lb. .13 - .14
yellow, distilled, dms. extra, c.l. lb. .17¾- —
l.c.l. .....lb. .17¾- —
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .29 - —
Stearate, dms.....lb. .23 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .14 Nom.
Golden seal root, bls.....lb. 2.85 - 2.90
powd., bxs.....lb. 3.00 - 3.05
Grains of paradise, bgs.....lb. .08¾- .09
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .05 - —
bbls., c.l., works.....lb. .05½- —
l.c.l., works.....lb. .05½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03½- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .05¾- .05¾
white, trcs.....lb. .06¾- .06¾
yellow, trcs.....lb. .05¾- .05¾
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
reduced C.P. color content up to 5%, bbls., same basis.lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-15%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .08¾- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
chrome oxide, dom., pure, bbls., contract or open order, c.l., same basis as chrome C.P. .....lb. .17 - —
l.c.l. same basis.....lb. .18 - .20
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .28 - —
standard grade, bbls., works..lb. .22 - —
import, bbls., kgs., f.o.b. N.Y..lb. .21 Nom.
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .50 - .55
strained, cs.....lb. .95 - 1.00
Wood, bls.....lb. .04 - .06
Guaiacol, liq., djns.....lb. 1.65 - 1.80
Carbonate, bxs., kgs.....lb. 2.15 - 2.40
Guarana, powd., cs.....lb. .65 - .70
Gum, aloe (see A)
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber sorts, cleaned, bgs..lb. .09¾- .10
white, sorts, 1, bgs.....lb. .27 - .32
2, bgs.....lb. .25 - .30
powd., bbls.....lb. .13 - .14
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.15 - 1.65
Sumatra, cs.....lb. .16½- .17
Camphor (see C)
Chicle, bgs.....lb. .35 - .40

Gum Copal—Hydrastis

Gum, copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N.Y. or San Fran..lb. .42¾- —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c higher for 1-9 bgs.

2, cloudy white, bgs., c.l., same basis..lb. .26½- —

3, selected pale straw bold, bgs., c.l., same basis..lb. .19½- —

4, pale bold straw, bgs., c.l., same basis..lb. .17½- —

5, pale straw bold, bgs., c.l., same basis..lb. .14½- —

6, pale amber bold, bgs, c.l., same basis..lb. .12½- —

7, pale straw bold, bgs., c.l., same basis..lb. .14½- —

8, light amber bold, bgs., c.l., same basis..lb. .11¾- —

9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —

10, rescraped hard amber bold, bgs., c.l., same basis lb. .09¾- —

11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —

12, selected bold sorts, bgs., c.l., same basis..lb. .06½- —

13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —

14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .18 - —

15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —

16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¼- —

17, pale fingers, bgs., c.l., same basis..lb. .16¼- —

18, pale straw nubs, bgs., c.l., same basis..lb. .11¼- —

19, pale straw nubs, bgs., c.l., same basis..lb. .10½- —

20 hard dark amber nubs, bgs., c.l., same basis..lb. .06½- —

21, ordinary selected nubs, c.l., same basis..lb. .05¾- —

22, small mixed nubs, bgs., c.l., same basis..lb. .05¾- —

23, dark mixed nubs, bgs., c.l., same basis..lb. .05¾- —

24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .13 - —

25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05¾- —

26, pale bold chips, bgs., c.l., same basis..lb. .09 - —

27, pale small chips, bgs., c.l., same basis..lb. .05½- —

28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —

East India, Batu, bold scraped, bgs., c.l., same basis..lb. .05¾- —

unscraped, bgs.,c.l., same basis..lb. .04 - —

chips, bgs., c.l., same basis lb. .03¾- —

dust,bgs.,c.l.,same basis.lb. .03¾- —

nubs and chips, bgs., c.l., same basis..lb. .03¾- —

Gum, copal, East India, black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —

unscraped, bgs., c.l., same basis..lb. .04 - —

nubs and chips, bgs., c.l., same basis..lb. .04½- —

Hiroe Macassar, pale, bold, bgs, c.l., same basis..lb. .12¾- —

chips, bgs., c.l., same basis..lb. .06½- —

dust, bgs.,c.l.,same basis lb. .03¾- —

nubs, bgs., c.l., same basis..lb. .11¼- —

Singapore Rauk, bold, bgs., c.l., same basis..lb. .15½- —

chips, bgs., c.l., same basis lb. .04¾- —

dust,bgs.,c.l.,same basis.lb. .03¾- —

nubs,bgs.,c.l.,same basis.lb. .10 - —

Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —

light, bskts., c.l., same basis..lb. .18½- —

loba A, bskts., c.l., same basis..lb. .10¾- —

B,bskts.,c.l.,same basis.lb. .09¾- —

C,bskts.,c.l.,same basis.lb. .09¾- —

CNE, bskts., c.l., same basis..lb. .07½- —

D,bskts.,c.l., same basis.lb. .09½- —

DK, bskts., c.l., same basis lb. .07½- —

DU, bskts., c.l., same basis lb. .09¾- —

dust,bskts.,c.l.,same basis. lb. .03½- —

Sambas and white split chips, bskts., c.l., same basis..lb. .12¾- —

Singapore, dust, bskts., c.l., same basis..lb. .03½- —

spirit-soluble, CBB, bskts., c.l., same basis..lb. .03½- —

DBB,bskts., c.l.,same basis lb. .03 - —

MA,bskts., c.l.,same basis. lb. .03¾- —

MB,bskts.,c.l.,same basis.. lb. .03¼- —

WS,bskts., c.l.,same basis. lb. .03¾- —

Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07¼- —

chips, pale, bskts., c.l., same basis..lb. .03½- —

small, bskts., c.l., same basis..lb. .07½- —

extra pale sorts, bskts., c.l., same basis..lb. .03½- —

nubs,bskts.,c.l.,same basis.. lb. .10¾- —

pale, scraped, bskts., c.l., same basis..lb. .11¾- —

seeds and dust, bskts., c.l., same basis..lb. .03¾- —

Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14¼- —

mixed, bgs.,c.l.,same basis lb. .13½- —

chips,bgs.,c.l.,same basis..lb. .07¾- —

nubs,bgs.,c.l.,same basis..lb. .10¾- —

split,bgs.,c.l.,same basis.lb. .13¾- —

Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21¾- —

A/D, cs., c.l., same basis.lb. .16¾- —

A/B, cs., c.l., same basis.lb. .13¼- —

B, cs., c.l., same basis...lb. .20¾- —

C, cs., c.l., same basis...lb. .16¾- —

D, cs., c.l., same basis...lb. .14¼- —

dust, cs., cl., same basis.lb. .06¾- —

E, cs., c.l., same basis...lb. .06¾- —

F, cs., c.l., same basis...lb. .06¾- —

Gum, dammar, Singapore, 1, cs., c.l., same basis..lb. .16¼- —

2, cs., c.l., same basis...lb. .13¾- —

3, cs., c.l., same basis...lb. .06¾- —

chips, cs.,c.l., same basis.lb. .09¾- —

dust, cs., c.l., same basis.lb. .04¾- —

seeds,cs.,c.l., same basis..lb. .07½- —

Elemi, cns., c.l., same basis as copal..lb. .09¾- —

Ester, dms., c.l. (36,000 lbs), dlvd..lb. .07¾- —

l.c.l., lots of 10 over, dlvd.lb. .08 - —

smaller lots, dlvd.....lb. .08½- —

Euphorbium, cs.....lb. .16 - .20

Galbanum, cs.....lb. .95 - 1.00

Gamboge, pipe, cs.....lb. .58 - .59

powd., bbls.....lb. .65 - .66

Ghatti, soluble, bgs.....lb. .11 - .15

superior, bgs.....lb. .09 - .11

Guaiac (see Guaiac resin).

Karaya, XXX, bbls., bxs., dms. lb. .24 - .25

XX, bbls., bxs., dms.....lb. .16 - .17

1, bbls., bxs., dms.....lb. .09½- .10

2, bbls., bxs., dms.....lb. .08½- .09

Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —

BX, cs., c.l., same basis..lb. .33 - —

B1, cs. c.l., same basis..lb. .21 - —

B2, cs., c.l., same basis..lb. .15½- —

B3, cs., c.l., same basis..lb. .12 - —

80% chips, cs., c.l., same basis..lb. .09½- —

pale, XXX, cs., c.l., same basis..lb. .65 - —

1, cs., c.l., same basis...lb. .40 - —

2, cs., c.l., same basis...lb. .22 - —

3, cs., c.l., same basis...lb. .15 - —

Kino, tins.....lb. .70 - .80

Mastic, cs., c.l., same basis as copal..lb. .57 - .58

Myrrh, USP, cs.....lb. .35 - .40

Olibanum, siftings, cs.....lb. .07 - .08

tears, cs.....lb. .12 - .25

Opium (see O)

Rosin (see R)

Sandarac, cskz., c.l., same basis as copal..lb. .28 - .30

Scammony, cs.....lb. 1.15 - 1.25

Senegal, picked, bgs.....lb. .20 - .21

sorts, bgs.....lb. .11½- .12½

Talha, bgs.....lb. .05 - .06

Thus, bbls.....280 lbs.11.50 nom

strained, bbls.....280 lbs.11.50 nom

Tragacanth, Aleppo, 1, cs....lb. 1.75 - 1.80

2, cs.....lb. 1.65 - 1.70

3, cs.....lb. 1.50 - 1.55

4, cs.....lb. 1.40 - 1.45

5, cs.....lb. 1.30 - 1.35

6, bgs.....lb. .50 - .51

Yacca, bgs., c.l., same basis as copal..lb. .03¼- —

powd., bgs.,c.l.,same basis.lb. .04½- —

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —

Medicine Lodge, Kans., frt. equald..ton.17.00 - —

New Brighton, N. Y., frt. equald..ton.27.15 - —

Southard, Okla., frt. equald..ton.17.00 - —

Sweetwater, Tex frt. equald..ton.21.15 - —

Gypsum, plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —

Blue Rapids, Kans., frt. equald..ton.12.50 - —

New Brighton, N. Y., frt. equald..ton.15.70 - —

Southard, Okla., frt. equald..ton.12.50 - —

Sweetwater, Tex., frt. equald..ton.12.50 - —

Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasteroo, Va.; Southard, Okla.; Sweetwater, Tex.,frt. equald. ton. 5.00 - —

Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —

import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.20

Hellebore, white, root, powd., bbls.lb. .16½- .11

Helonias root, bls.....lb. .30 - .35

Hematine crystals, bbls.....lb. .16 - .24

Hemlock extract, 25% tan., bbls.lb. .03½- —

tanks .....lb. .02¾- —

Hempseed, Manchur, bgs.....lb. .06¾- .04¼

Henbane leaves, bls.....lb. .22 - .25

Henna leaves, bls.....lb. .07 - .08

powd., bbls, bxs.....lb. .09 - .10

Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .13 - —

l.c.l., Group 3.....gal. .15 - —

tanks, Group 3.....gal. .09 - —

normal, 96-100°C., dms, c.l., Group 3..gal. .13 - —

l.c.l., Group 3.....gal. .17 - —

tanks, Group 3.....gal. .10 - —

Hexalin, dms.....lb. .30 - —

Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —

l.c.l., Group 3.....gal. .17 - —

tanks, Group 3.....gal. .10½- —

laboratory grade, dms., c.l., Group 3..gal. .19 - —

l.c.l., Group 3.....gal. .25 - —

Hexamethylenetetramine, tech., dms..lb. .35 - .37

USP, dms., 1,000 lbs.....lb. .46 - .47

Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —

l.c.l., f.o.b. dest.....lb. .13 - —

tanks, f.o.b. dest.....lb. .115 - —

Homatropine hydrobromide, bots., vls..oz.12.00 -12.50

Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.00 - —

Hops, dom., 1935 crop, bls.....lb. .35 - .40

import., 1935 crop, bls.....lb. .35 - .38

Horehound, bls.....lb. .06½- .07

Hydrangea root, bls.....lb. .09 - .09

Hydrastine, vls.....oz.11.00 -11.50

Hydrochloride, vls.....oz.11.00 -11.50

Sulphate, vls.....oz.12.00 -12.50

Hydrastis (see Golden seal).

Mapicos give
GLOSS with ECONOMY

● Whatever your type of vehicle—oil base, lacquer or synthetic, the result will be the same—an intense gloss with resistance to acids, alkalis, heat and sun. Why not investigate!

MAPICO Colors

PURE OXIDES OF IRON

YELLOWS
BROWNS
REDS
BLACK

MAGNETIC PIGMENT CO.
DIVISION COLUMBIAN CARBON CO.
BINNEY & SMITH CO.
Sole Selling Agents
41 East 42nd Street, New York, N. Y.

Hydrogen peroxide, USP, bbls.lb. .08½- .04
100 vols.,cbys.,E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyosine hydrobromide, vls.....oz.18.00 -18.25
Hyoscyamine, vls.....oz.15.00 - —
Hydrobromide, vls.....oz.15.00 - —
Sulphate, vls.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .80 - .81
powd., bxs.....lb. .87 - .90
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut.,bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06½- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .94 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .27 - .35
Nitrate, coml., kgs.....lb. .02½- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .53 - .55
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls,ens.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04½- .04½
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs...lb. .34½- .35½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .34½- .35½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanal, see Alcohol, isopropyl.
Isopropyl acetate, dms., cl., frt. alld..lb. .07 - —
..c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .20
powd., bbls., bxs.....lb. .31 - .34
Juniper berries, bgs.....lb. .04½- .06½

K

Kamala, tins.....lb. .24 - .35
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne,41-43 w.w.,tanks.gal. .04½- —
Gulf ports,p.w.,bulk,export.gal. .03½- —
w.w., bulk, export.....gal. .04½- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03½- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03½- .04
42-44 w.w., tanks.....gal. .03½- .04
Pennsylvania, 45 w.w., tanks, gal. .04½- .04½
46 w.w., tanks.....gal. .04½- .04½
Kerosene, tankwagon:—
Atlanta.....gal. .125 - —
Boston.....gal. .066 - —
Chicago.....gal. .098 - —
Cincinnati.....gal. .125 - —
Denver.....gal. .11 - —
Louisville.....gal. .10 - —
Minneapolis.....gal. .093 - —
New Orleans.....gal. .13 - —
New York.....gal. .07½- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 95-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .32 - .35
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.12.00 -12.25
Middlewestern, trcs....100 lbs.11.65 -11.75
Western, choice, trcs..100 lbs.11.75 -11.85
compound, trcs.....100 lbs.12.50 -12.75
neutral, trcs.....100 lbs.13.50 -13.75
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .75 - .90
Lead acetate,brown,broken,bbls.lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11½- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09¼- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
Lead arsenate, dms., l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 99 lbs. or over; no frt. or truck. allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
l.c.l., dlvd. E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .45 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .16 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls. c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
other points.....lb. .0710- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla.,Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .07¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .06¼- —
Colo., Mont., N. Mex., Wyo.....lb. .06 - —
other points.....lb. .07½- —
smaller lots, dlvd. Ala., etc..lb. .06¼- —
Ariz., etc.....lb. .06¾- —
Colo., etc.....lb. .06½- —
other points.....lb. .06 - —
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd. Ala., etc.lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .06 - —
Ariz., etc.....lb. .06¼- —
Colo., etc.....lb. .06½- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .06¾- —
Ariz., etc.....lb. .06 - —
Colo., etc.....lb. .06¾- —
other points.....lb. .06½- —
95% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0735- —
other points.....lb. .0710- —
l.c.l.,f.o.b. St. Louis or f.o.b. whses., frt or etge paid E. of Rockies..lb. .10¼- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah,Wash. and Wyo..lb. .06¾- —
other points.....lb. .06¾- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10½- —
smaller lots, dlvd.....lb. .11½- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .32
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .20 - .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefronte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.25 - —
southern.....ton.11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago.....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 6.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Lime, hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo.....ton.11.00 - —
California, northern.ton.14.75 - —
southern.....ton.13.75 - —
Cedar Hallow, Pa...ton. 8.50 - —
Chicago.....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio...ton. 11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bgs.,consumer, dlvd. Ore..lb. .06½- .06¾
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06½- .06¾
dealers,dlvd.E. of Rockies, except Fla..lb. .07¾- .08¼
Ore.....lb. .05¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08½
Ore.....lb. .05½- —
Idaho, etc.....lb. .06½- —
Wash. (as above)...lb. .05¾- —
dms., dealers, dlvd. E. of Rockies, except Fla..lb. .11 - .13
Fla.....100 lbs. 1.90 - 2.00
jobbers,dlvd.E. of Rockies, except Fla..lb. .10½- —
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J.... N. Y., N. C. (Alegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis..gal. .13 - .16
jobbers, same basis...gal. .12¼- .15
tanks, 4,600 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. .10½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls.lb. .15 - .16
without leaves, bls.....lb. .17 - .18
Linseed cakes, bgs., export..ton.31.00 -31.50
Meal, 32%, dom., bgs.....ton.41.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0635- —
other points.....lb. .0610- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.35 - 1.50
Chloride, bbls.....lb. 1.65 - 1.80
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75
Lithopone,dom.,high-strength,bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 5 tons, same basis..lb. .04¾- —
smaller lots, same basis..lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
import., bbls., ex dock.....lb. No prices
Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .25 - .35
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .03½- .10½
solid, bxs.....lb. .15½- .17¼
Sticks, Haitian, shipt.....ton.24.00 -35.00
Lovage root, dom., bls.....lb. .25 - .65
import, bls.....lb. .50 - .52
Lupulin, N.F., tins.....lb. 1.25 - 1.80
Lycopodium, cs.....lb. 1.55 - 1.85

M

Mace, Banda, cs.....lb. .62 - .64
Batavia, cs.....lb. .48 - .49
Blauw 1, cs.....lb. .57 - .58
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom.,four-hour,including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .23 - —
1-lb. pkgs., same basis.lb. .25 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .25 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis. lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. lb. .30 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .03 - .06½
USP, bbls., c.l.....lb. .06½- .09
Chloride, flake, dom., bbls., works..ton.36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .32 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .25 - —
Sulphate (see Epsom salt)
Magnesite,calc., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.22.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .25½- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½- .09
Dioxide, Caucasian, 85-90%, oaks., c.l., works..ton.51.00 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs.,c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.53.50 - —
Glycerophosphate, bbls., cans., 100 lbs..lb. 2.00 - 2.05
Hydrate, bbls., dlvd.....lb. .80 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .17½- .18
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .28 - .37
Resinate, fused, 5½%, bbls..lb. .09½- .09¾
precip., dms.....lb. .13 - —
Sulphate, anhyd.,bbls.,works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South.....ton.43.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03¾- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt., ton.28.00 - —
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .50 - .55
small cs.....lb. .28 - .30
Mannitol, pure, cryst., cs., works lb. 1.60 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .19½- .19¾
Tunisan, bls.....lb. .18½- .19
Matico leaves, bls.....lb. .80 - .81
Menthol, cs.....lb. 3.35 - 3.45
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 2.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.45 - 3.50
Yellow, kgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.95 - —
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl....lb. 1.20 - —
USP, dms., kgs.....lb. 1.71 - —
Mercury and chalk, kgs.....lb. .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5¼x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3¼x3½ in.pkg.14.50 -15.00
3¾x3½ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3¾x5⅛ in.....pkg.21.50 -22.00
5¾x5⅛ in.....pkg.23.50 -24.00
Silver, 3¾x3½ in.....pkg. 2.50 - 2.75
Metanitroanilin, kgs.....lb. .97 - 1.00
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .97 - 1.00
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .48 - —
tanks, frt. alld.....gal. .45 - —
contracts, frt. alld....gal. .40 - —
95%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .39½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .42½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld. or dlvd..gal. .43 - —
4, frt. alld. or dlvd..gal. .53 - —
5, frt. alld. or dlvd..gal. .49½- —

Methanol, 95%—Naphthalene

Methanol, natural, 95%, tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .34½- —
3, frt. alld.....gal. .35½- —
4, frt. alld.....gal. .36½- —
5, frt. alld.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. alld..gal. .38½- —
2, frt. alld.....gal. .40½- —
3, frt. alld.....gal. .41½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .43½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .50 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5, frt. alld.....gal. .37½- —
pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol prices, bbls., 2¼c. gal. more than drums

Methanol, synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dels., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 2, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.

Methyl acetate, 90%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .18 - —
W. of Rockies.....lb. .18½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld..lb. .37 - —

Methyl acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .05½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dels., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

synthetic, dms., c.l., Zone 1, frt. all. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies.gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies.gal. .59½- —
3, Pacific coast.....gal. .58 - —

Methylacetone, synthetic, tanks, Zone 1, frt. alld. E. of Rockies gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49¼- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dels., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.

Methyl alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cylrs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.95
Salicylate, dms.....lb. .40 - .42
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .86
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb. 27.50 -44.00
Methylhexyl ketone, dms., teoh., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton. 10.00 - —
180 mesh, containers extra, c.l., containers extra, c.l., same basis..ton. 10.00 - —
l.c.l., same basis.....ton. 12.00 - —
250 mesh, containers extra, c.l., same basis..ton. 12.00 - —
l.c.l., same basis.....ton. 14.00 - —
325 mesh, containers extra, c.l., same basis..ton. 17.00 - —
l.c.l., same basis.....ton. 19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh, bgs., c.l., works..ton. 35.00 - —
l.c.l., works.....ton. 48.75 - —
second grade, bgs., c.l., works..ton. 28.00 - —
l.c.l., works.....ton. 41.25 - —
250, 100 mesh, bgs., c.l., works..ton. 32.00 -40.00
l.c.l., works.....ton. 40.00 -50.00
second-grade, bgs., c.l., works..ton. 23.00 -30.00
l.c.l., works.....ton. 29.00 -47.50
300, 140 mesh, bgs., c.l., works..ton. 50.00 - —
l.c.l., works.....ton. 62.50 - —
roofing, bgs., c.l., works..ton. 28.50 -30.00
l.c.l., works.....ton. 30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09¾- —
l.c.l.....lb. .10¾- —
spray, bbls., c.l.....lb. .10½- —
l.c.l.....lb. .11½- —
unskimmed, roller, bbls., c.l..lb. .20½- .21
l.c.l.....lb. .21½- .22
spray, bbls., c.l.....lb. 20½- .21
l.c.l.....lb. .21½- .22
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06 - .06½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, 95%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .08½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz. 10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz. 10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.90
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz. 21.00 -22.00
pods, bots.....oz. 14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .08½- .09
Mustard seed, Bombay, brown, bgs..lb. .07 - .07½
California, brown, bgs....lb. .06¾- .07¼
yellow, bgs.....lb. .07½ Nom.
Chinese, yellow, bgs.....lb. .05½- .06¾
Danish, yellow, bgs.....lb. .08¼- .08½
Dutch, yellow, bgs.....lb. .08½- .09
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07¼- .07¾
Roumanian, yellow, bgs...lb. .06¾- .07
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton. 23.00 - —
J2, bgs., shipt.....ton 15.00 - —
R2, bgs., shipt.....ton. 14.50 - —
Extract, liquid, 25%, bbls...lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 2.50 - 3.00
import., 74-78% bg.s Atlantic ports..100 lbs. 2.50 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. lb. .07¼- —
cs., same basis.....lb. .07¼- —
pkgs. (10 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .08½- —

THESE dark clouds are bright signs on the Texas prairie . . . for they herald the fact that *Witco's* Panhandle Plant is hard at work . . . speeding up to meet the ever increasing demands of the carbon black consuming industries. Here, under a relentlessly exacting system of control, are produced the *Witco* Blacks that have established a new conception of quality and uniformity . . . and set new standards of production for the manufacturers who use them.

IN SELECTING THE RIGHT WITCO MICA FOR THE RIGHT PURPOSE you will find—in the closeness with which they conform to the specified mesh . . . in the exactness of their grinding—the same adherence to uniform standards that distinguishes the *Witco* system of manufacture.

WITCO DRY-GROUND MICAS are surprisingly free from harsh abrasive materials . . . excellently suited for insulated wire coatings as well as for plastics and textures.

WITCO WATER-GROUND MICAS are notable for their whiteness and cleanliness . . . ideal for work calling for a superior "slip" and a more brilliant sheen.

WITCO "P" GRADE MICA, ground to a fineness greater than 325 mesh, is ideal for cold water paint formulas because of its low index of refraction and general cleanliness.

WITCO

WISHNICK-TUMPEER, INC.

Manufacturers and Importers

CHICAGO . . . . . 365 E. ILLINOIS STREET
NEW YORK . . . . . 295 MADISON AVENUE
BOSTON . . . . . 141 MILK STREET
CLEVELAND . . . 616 ST. CLAIR AVENUE N. E.

WITCO LTD., BUSH HOUSE, LONDON W. C. 2, ENGLAND

Witco Owned and Operated: The Pioneer Asphalt Company and the Panhandle Carbon Company

BUY DIRECT AND PROFIT DIRECTLY

Naphthalene, refined, chipped, crushed, bbls., bgs., same basis	lb.	.06½-	—
nice, cryst., powd., bbls., same basis	lb.	.07½-	—
Refined naphthalene Western prices are ½c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 30c. per 100 lbs. higher.			
Neroiin, cryst., cns.	lb.	1.27	1.55
Nickel carbonate, bbls.	lb.	.20	—
Chloride, bbls.	lb.	.18	- .19½
kgs.	lb.	.21	- .23
Oxide, black, bbls.	lb.	.25	- .25
Salt, double, bbls.	lb.	.13	- .13½
single, bbls.	lb.	.13	- .13½
Nicotine, 50%, cns.	8 lbs.	8.25	-10.10
Sulphate, 10-lb. cns.	lb.	.76½-	1.06½
5-lb. cns.	lb.	.94	- 1.17
dms.	lb.	.75	- .85
Nitercake, bulk, works	ton.	16.00	- —
Nitrobenzene, dbl. dist., dms., c.l.	lb.	.09	- —
l.c.l.	lb.	.11	- —
tanks	lb.	.06½-	—
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works	lb.	.28	- —
bronsing, 20, 40, 70 sec. vis., bbls., works	lb.	.29	- —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works	lb.	.26	- —
lacquer, 20-30 and 60-80 sec. vis., bbls., works	lb.	.29	- —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25c is standard for consumers of 10,000 pounds or over of ester-soluble nitrocellulose a year.			
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Sept.-June	unit-ton.	1.04	- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Fall shpt.	unit-ton.	2.50	- —
Chemical, Ill.	unit-ton.	2.50	- —
East Coast producing points	unit-ton.	2.75	- 2.85
import., bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	2.75	Nom.
Nitronaphthalene, bbls.	lb.	.24	- .28
Nitrotoluene, mixed, dms.	lb.	.10½-	.11
Nutgalls, Aleppo, bgs., cs.	lb.	.20	- .22
Chinese, shipmt., cs.	lb.	.20	- .22
Extract (see Gall extract).			
Nutmegs, 80s, bgs., cs.	lb.	.19½-	.20
110s, bgs., cs.	lb.	.17	- .17½
West Indian, bgs.	lb.	.16	- .16½
Nux vomica, bls.	lb.	.06	- .07
powd., bbls., bxs.	lb.	.07½-	.08

O

Oakbark extract, 25% tan., bbls	lb.	.03½-	—
tanks	lb.	.02¾-	—
Ocher (see Yellow).			
Octanol, 100-140° C., mixed, dms., c.l., G.S.	gal.	.19	- —
l.c.l., G.S.	gal.	.15	- —
tanks, G.S.	gal.	.09	- —
Octyl acetate, dms., c.l., works	lb.	.16	- —
l.c.l., works	lb.	.17	- —
small lots, works	lb.	.20	- —
tanks, works	lb.	.15	- —
Oil, almond, bitter, artif. (see Benzaldehyde)			
natural, bots.	lb.	2.60	- 2.80
a.p.a., bots.	lb.	2.25	- 2.75
sweet, true, exp., cns.	lb.	.65	- .68
Amber, crude, cns.	lb.	.20	- .21
refd., cns.	lb.	.52	- .55
Amyris, cns.	lb.	2.70	- 2.80
Angelica root, bots.	lb.	64.00	-75.00
Seed, bots.	lb.	72.00	-90.00
Anilin (see A).			
Anise, USP, cns., dms.	lb.	.57	- .58
Apricot kernel, dom., dms., fr.	alld.	.22½-	.25
spot	lb.	.25	- .25
Russian, dms.	lb.	.19	- .20
Babassu, tanks	lb.	.06	- —
Bay, W.I., cns.	lb.	1.05	- 1.25
Bergamot, artif., cns.	lb.	1.00	- 1.30
natural, coppers	lb.	2.30	- 2.50
Betula (see Oil, sweet birch).			
Birch (see Oil, sweet birch).			
Birch tar, crude, dms.	lb.	.14	- .17
rectifd., cns.	lb.	.75	- .80
Bois de rose, Brazil, cns.	lb.	1.25	- 1.35
Cayenne, cns.	lb.	2.25	- 2.35
Cade, USP, cns.	lb.	.26	- .28
Cajeput, tech., dms.	lb.	.45	- .46
USP IX, cns.	lb.	.47	- .48
Calamus, cns.	lb.	2.75	- 3.00
Camphor, sassafrassy, cns.	lb.	.15	- .15½
dms.	lb.	.13½-	.14
white, cns.	lb.	.16	- .16½
dms.	lb.	.14½-	.11
Canangra, native, cns.	lb.	2.20	- 2.25
rectifd., cns.	lb.	2.60	- 2.65
Capsicum (oleoresin), USP VIII, cns.	lb.	2.00	- 2.25
Caraway, USP, cns.	lb.	2.00	- 2.25
Cardamom, bots.	lb.	11.00	-28.00
Cassia, USP, cns., dms.	lb.	.90	- .95
Castor, blown, one-way dms., c.l.	lb.	.12¼-	—
l.c.l.	lb.	.13	- —
medicinal, bbls., c.l.	lb.	.10¾-	—
l.c.l.	lb.	.11¼-	—
cns. (1-gal.), l.c.l.	lb.	.14½-	—
dms. (returnable), c.l.	lb.	.10½-	—
l.c.l.	lb.	.11¼-	—
(5-gal.), l.c.l.	lb.	.12¼-	—
tanks	lb.	.10	-
No. 3, bbls., c.l.	lb.	.10¼-	—
l.c.l.	lb.	.11	- —
dms. (returnable), c.l.	lb.	.10	- —
l.c.l.	lb.	.10¾-	—
tanks	lb.	.09½-	—
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.			
sulphonated, 50% (45% fat), dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.08½-	—
75% (63% fat), dms., c.l.	lb.	.11½-	—
l.c.l.	lb.	.12	- —
80% (68% fat), dms., c.l.	lb.	.12½-	—
l.c.l.	lb.	.13	- —
Cedarleaf, cns.	lb.	.90	● .95
dms.	lb.	.85	- .90
Cedarwood, Oregon, cns., dms.	lb.	.28	- .30
Southern, cns., dms.	lb.	.18	- .20
Celery, bots.	lb.	10.50	-12.50
Chaulmoogra, USP, cns., 500 lbs.	lb.	.95	- —
25 lbs.	lb.	1.05	- —
Oil chinawood, dms., Atlantic Cst.	lb.	.15	- .15⅛
tanks	lb.	.1450-	.1460
Cinnamon, Ceylon, bots.	lb.	9.00	- 22.00
Seychelle, bots.	lb.	7.00	-10.00
Citronella, Ceylon, cns.	lb.	.21	- 22.
dms.	lb.	.18	- .19
Java, dms.	lb.	.30	- .31
Clove, USP, cns.	lb.	1.00	- —
dms.	lb.	.98	- —
Coconut, Manila, crude, tanks,	lb.	.05⅝-	Nom.
Pac. Cst.	lb.	.05	- Nom.
edible, (f. t. l. n. o. p. (returnable), c.l.	lb.	.10½-	—
l.c.l.	lb.	.11¼-	—
tanks	lb.	.10¼-	—
Cod, Newfoundland, tanked, bbls.	gal.	.43	Nom.
Norwegian, bbls.	gal.	.36	- .38
Codliver, med., Norwegian, bbls.	bbl.	25.00	-27.00
poultry, USP, bbls.	gal.	.70	- .75
Coriander, bots.	lb.	7.00	- 7.25
Corn, crude, tanks, works	lb.	.09¾	Nom.
refd., bbls.	lb.	.12½-	.13
Cottonseed, dom., cooking, bbls.	100 lbs.	11.50	- —
salad, bbls.	100 lbs.	11.65	- —
import., Brazilian, semirefd.	dms. lb.	.06⅝-	Nom.
British, semi-refd., dms.	lb.	.07½-	—
Creosote (see C).			
Croton, USP, cns.	lb.	1.40	- 1.45
Cubeb, USP, cns.	lb.	2.75	- 2.85
Crude (see Petroleum, crude).			
Cumin, bots.	lb.	8.50	-10.00
Cypress, cns.	lb.	12.00	- -
Degras (see D).			
Diesel, Bayonne, bulk	bbl.	1.65	- —
California, 27 plus, bulk	bbl.	.80	- .90
Dill seed, bots.	lb.	3.15	- 3.50
Weed, bots.	lb.	5.00	- 5.50
Dip (see D).			
Erigeron, cns.	lb.	1.45	- 1.55
Oil, eucalyptus, cans	lb.	.35	- .36
dms	lb.	.33	- .34
Fennelseed, sweet, cns.	lb.	1.05	- 1.10
Fuel, bunker, California, tide-water	bbl.	.82½-	.85
Gulf Coast	bbl.	.90	- .95
Kansas, 24-26	bbl.	.80	- .85
Louisiana-Arkansas, 16-20	bbl.	.60	- .70
18-20	bbl.	.65	- .75
N. Y. and N. J. terminals:—			
Monday	bbl.	1.10	- —
Tuesday	bbl.	1.10	- —
Wednesday	bbl.	1.10	- —
Thursday	bbl.	1.10	- —
Friday	bbl.	1.10	- —
Saturday	bbl.	1.10	- —
North Texas, 24-26	bbl.	.65	- .70
26-30	bbl.	.70	- .75
Oklahoma, 18-22	bbl.	.65	- .70
24-26	bbl.	.70	- .75
26-30	bbl.	.80	- .85
28-30	bbl.	.90	- .95
Pennsylvania, 36-40	gal.	.04½-	.04⅝
Furnace, Bayonne, 1, bulk, refinery	gal.	.05½-	—
2, bulk, same basis	gal.	.04⅝-	—
3, bulk, same basis	gal.	.04⅛	—
4, bulk, same basis	gal.	.04	- —
Kansas, 38-40	gal.	.03½-	.03⅝
Louisiana - Arkansas, 38 - 40, light straw	gal.	.02⅝-	.03
Oklahoma, 28-30	gal.	.03	- .03½
32-36	gal.	.03½-	.03⅝
36-38	gal.	.03⅝-	.03¾
38-40, straw	gal.	.03½-	.03⅝
38-40, zero, 60 e.p.	gal.	.03⅝-	.03¾
Fusel (see F).			
Gas, Bayonne, 32-36, bulk	gal.	.04½-	—
Gulf Coast, 32-36, bulk	gal.	.02	- —
Kansas, 32-36, bulk	gal.	.02⅝-	.03⅛
Louisiana - Arkansas, 32 - 36, bulk	gal.	.03	- .03½
North Texas, 32-36, bulk	gals.	.02⅝-	—
Oklahoma, 32-36, zero, straw, bulk	gal.	.02¼-	.02¾

Naphthalene—Oil, Linaloe

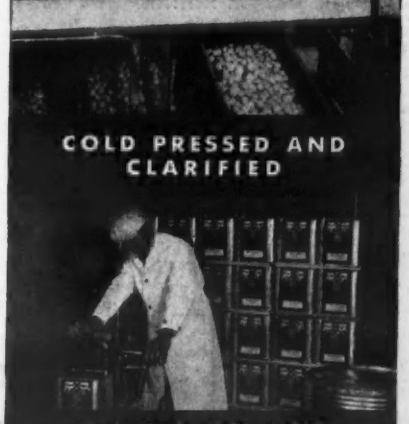
Oil, gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rosa, cns.	lb.	5.25	- 6.75
Bourbon, cns.	lb.	5.25	- 6.75
Turkish, cns.	lb.	1.60	- 2.00
Grapefruit, cns.	lb.	2.85	- 2.90
Ginger, dist., bots.	lb.	5.00	- 5.25
Guaiac wood, concrete, bots.	lb.	3.10	- 3.15
Haarlem, dom., bots.	gross	3.25	- 3.35
import, bots.	gross	3.40	- 3.50
Halibut-liver, dms.	1,000 A unit-gal.	.75	- 1.00
Hemlock, cns.	lb.	1.00	- 1.05
Hempseed, crude, dms.	lb.	.09½-	.09¾
refd., dms.	lb.	.10½-	.10¾
Herring, tanks, Pan. Cst.	gal.	.31	- —
Juniper berry, USP, cns.	lb.	1.00	- 2.00
Wood, tech., cns.	lb.	.45	- —
Lard, common, 1, bbls.	100 lbs.	9.50	- —
2, bbls.	100 lbs.	9.25	- —
extra, bbls.	100 lbs.	10.75	- —
1, bbls.	100 lbs.	9.75	- —
headlight, burning bbls.	100 lbs.	12.00	- —
prime, ed., bbls.	100 lbs.	14.25	- —
ined., bbls.	100 lbs.	12.00	- —
winter, strained, extra, bls.,	100 lbs.	11.00	- —
prime, bbls.	100 lbs.	11.25-	—
Lavender flowers, French, USP, cns.	lb.	2.75	- 7.25
Garden, cns.	lb.	.45	- .50
Spike, Spanish, tech., cns.	lb.	1.30	- 1.35
dms.	lb.	1.20	- 1.25
Lemon, Calif., cns.	lb.	1.75	- —
Messina, coppers, cns.	lb.	1.75	- 2.50
Lemongrass, native, cns., dms.	lb.	.40	- .45
Lime, dist., cns.	lb.	5.45	- 6.00
expressed, cns.	lb.	9.55	-12.00
Linaloe wood, cns.	lb.	1.25	- 1.80

THREE TIMES AS POPULAR
as all other Lemon Oils Combined!

Because...

FROM CALIFORNIA LEMONS

COLD PRESSED AND CLARIFIED



A U.S.P. OIL FOR THE AMERICAN TASTE

Exchange
OIL OF LEMON U.S.P.

Exchange Brand Led the Field 3 to 1 in 1935 —And is making New Sales Records for 1936

HIGH quality and right price have made Exchange Brand Oil of Lemon, U.S.P., the unquestioned leader in the United States.

It is made in the world's largest plant devoted exclusively to lemon products.

Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

Sold to the American market exclusively by

FRITZSCHE BROTHERS, INC. 76 NINTH AVENUE, NEW YORK, N. Y. • DODGE & OLCOTT COMPANY 180 VARICK STREET, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California

Copr., 1936, California Fruit Growers Exchange, Products Dept.

Oil, Linseed—Petro. Ether

Oil, linseed, boiled, bbls., c.l. lb. .1050- .1070
l.c.l., 5 or over lb. .1060- .1110
less than 5 lb. .1130- .1150
tanks lb. .0990- .1010
double boiled, bbls., less than 5 lb. .1150- .1170
raw, bbls., c.l. lb. .1010- .1030
l.c.l., 5 or more lb. .1030- .1070
less than 5 lb. .1090- .1110
tanks lb. .0950- .0970
Lovage, bots. lb. 65.00 -68.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks gal. .21½- —
80, 100 vis., tanks gal. .24½- —
110, 125 vis., tanks gal. .26½- —
green, pale, 750, 900 vis., tanks gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks gal. .21½- —
pale, 75, 175 vis., tanks gal. .21½- —
Oklahoma, 100 vis., 3 color, tanks gal. .12¾- .14
150 vis., 0-10° pour, tanks, gal. .17 - —
15-25° pour, tanks gal. .16½- —
E color, tanks gal. .14 - .14½
4 color, tanks gal. .13½- .13¾
E, tanks gal. .31 - —
180 vis., 5 color, tanks gal. .15½- .15½
4 color, tanks gal. .14¾- .15
190 vis., tanks gal. .35 - —
200 vis., 3 color, tanks gal. .15¾- .16
4 color, tanks gal. .15½- .15½
5 color, tanks gal. .14¾- .15
E, tanks gal. .34 - —
220 vis., 3 color, tanks gal. .16¾- .17
4 color, tanks gal. .15½- .16½
5 color, tanks gal. .16½- .16½
240 vis., 3 color, tanks gal. .17¾- .18
4 color, tanks gal. .17¼- .17½
250 vis., 3 color, tanks gal. .18¾- .19
4 color, tanks gal. .18 - .18½
5½ color, tanks gal. .17½- .17¾
Penna., bright, 600 cold test, 10-40 pour, tanks gal. .25 - —
10-15 pour, tanks gal. .26 - —
cylinder, 600 fire, tanks, gal. .16 - —
600 flash, tanks gal. .19 - —
620 flash, tanks gal. .23½- —
635 fire, tanks gal. .17½- —
650 fire, tanks gal. .18 - —
Warren, E, amber, tanks gal. .19½- —
neutral, 150 vis., 3 color, tanks gal. .23½- —
150 vis., 3 color, tanks gal. .24 - —
200 vis., 3 color, tanks gal. .26½- —
spot, Penna., bright, bbls., c.l., f.a.s. gal. .31 - —
unfiltered, 600 s.r., bbls., c.l., f.a.s. gal. .23½- —
600 flash, s.r., bbl., c.l., f.a.s. gal. .25 - —
650 s.r., bbls., c.l., f.a.s. gal. .24½- —
f.a.s. gal. .28 - —
650 s.r., bbls., f.a.s. gal. .24½- —
Warren, E, bbls., c.l., f.a.s. gal. .25½- —
smaller lots, f.o.b. gal. .30 - —
Mace, dist, cns. lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto. gal. .27 Nom.
refd., alkali, dms., c.l. lb. .0746- —
l.c.l. lb. .0740- —
tanks lb. .0680- —
blown, dms. lb. .0740- —
kettle-bodied, dms. lb. .0840- —
light pressed, dms., c.l. lb. .0680- —
l.c.l. lb. .0680- —
tanks lb. .0620- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots. lb. 1.73 - 1.78
dist., natural, bots. lb. 8.00 - 9.00
expressed, bbls. gal. .75 - .80
Neatsfoot, cold test, bbls. 100 lbs. 16.00 - —
extra, bbls. 100 lbs. 10.00 - —
1, bbls. 100 lbs. 9.75 - —
pure, bbls. 100 lbs. 11.50 - —
Special, bbls. 100 lbs. 11.00 - —
sulphonated, common, 25% moisture, dms. lb. .10½- —
Neroli bots. lb. 35.00 -60.00
Nutmeg USP. cns. lb. 1.10 - 1.15
Oiticica, dms. lb. .12¼- .12¾
shipment lb. .11 - .11½
Oleo, 1, bbls. 100 lbs. 11.00 - —
2, bbls. 100 lbs. 10.50 - —
Olibanum, bots. lb. 5.25 - 5.30
Olive, nom., denat., bbls. gal. 1.50 Nom.
edible, bbls. gal. 2.25 Nom.
foots, bbls. lb. .09¾- .09½
sulphonated, 50% (43% fat), dms., c.l. lb. .09 - —
l.c.l. lb. .09½- —
75% (63% fat), dms., c.l. lb. .12½- —
l.c.l. lb. .13 - —
80% (68% fat), dms., c.l. lb. .13½- —
l.c.l. lb. .14 - —
Orange, sweet, dist., cns. lb. .90 - —
expressed, African, cns., dms. lb. 1.25 - 1.30
Calif., cns. lb. 2.85 - —
Florida, cns. lb. 2.85 Nom.
Messina, USP, coppers lb. 2.35 - 3.25
Spanish, cns. lb. No stocks
West India, cns. lb. 2.30 - 2.35
Origanum, Spanish, cns. lb. .80 - Nom.
Orris, Florentine, concrete, extra strong, bots. oz. 5.25 - 5.50
Palm, Niger, cks. lb. .05 - —
shipment lb. .0440- —
softs, 12%, bulk, shipt. lb. .0450- —
20%, bulk, shipt. lb. .0440- —
Sumatra, tanks lb. .05¾- Nom.
shipments, bulk lb. .0450 Nom.
Palmarosa, cns. lb. 1.60 - 2.00
Palmkernel, bulk, shipt. lb. .05 - Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. S. gal. .05¼- —
330° flash, 70-80 vis., tanks, G. S. gal. .05½- —
80-85 vis., bbls. extra, Ind. refy. gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy. gal. .14 - —
360° flash, 100-110 vis., tanks, G. S. gal. .05¾- —
Patchouli, bots. lb. 4.75 - 6.00
Peanut, crude, tanks, works, lb. .09 - .09¼
refd., edible, bbls. lb. .12½ Nom.
Pennyroyal, dom., cns. lb. 1.75 - 2.00
import., cans lb. 1.40 - 1.45
Peppermint, natural, cans, dms. lb. 2.45 - 2.70
redist., USP, cans, dms. lb. 2.65 - 2.90
Perilla, dms. lb. .09¾- .10
tanks lb. .09⅝- —
Petitgrain, Paraguay, cns. lb. 1.00 - 1.15
Pimento berry, cns. lb. 2.30 - 2.50
Leaf, cns. lb. 1.25 - 1.50

Oil, Pine, dest.-dist., straw-color, dms., divd. E. ports gal. .44 - —
steam-dist., straw-color, bbls. gal. .59 - —
tanks gal. .54 - —
water-white, bbls. gal. .64 - —
tanks gal. .59 - —
Pineneedle, Siberian, cns. lb. .90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal. gal. .22¾- —
contracts gal. .19½- —
Whiting, Ind. gal. .23 - —
dms., c.l., Bost., Provid. gal. .25½- —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martinez, Cal. gal. .28 - —
Rapeseed, blown, bbls. lb. .11¾- .12
denat., bbls. gal. .66 - .67
Red, dist. or saponif., bbls., divd. lb. .09¾- .10¾
dms, divd. lb. .09¼- .10½
tanks, divd. lb. .08¾- —
white, dms, divd. lb. .12½- .13½
Rose, artif., bots. oz. 2.00 - 3.00
natural, coppers oz. 5.25 -22.50
Rosemary, tech., cns. lb. .44 - .46
USP, cns., dms. lb. .48 - .50
Rosin, 1st rectfd., dms. gal. .50 - .52
2d rectfd., dms. gal. .53 - .55
3d rectfd., dms. gal. .60 - .62
Rue, bots. lb. 2.15 - 2.20
Sage, cns. lb. 1.70 - 1.75
Salmon, tanks, Pac. Cst. gal. .32 - Nom.
Sandalwood, Australia, cns. lb. 4.50 - 5.00
E.I., USP, cns. lb. 4.80 - 5.60
Sardine, crude, tanks, Pac. cst. gal. .32 - Nom.
rfd., alkali, dms, c.l. lb. .0740- —
l.c.l. lb. .0740- —
tanks lb. .0680- —
kettle-bodied, dms. lb. .0840- —
light, pressed, dms, c.l. lb. .0680- —
l.c.l. lb. .0680- —
tanks lb. .0620- —
poultry feed., dms., Pac. cst. gal. .50 - —
Sassafras, artif., dms. lb. .37 - .38
cns lb. .40 - .41
natural, cns., dms. lb. .75 - 1.25
Savin, cns. lb. 1.70 - 1.75
Sesame, dom., refd., white, dms. lb. .14 - .14¼
yellow, dms. lb. .14 Nom.
Shingle stain, bbls., c.l., works. gal. .17½- —
l.c.l., works gal. .20 - —
tanks, works gal. .14½- —
Snakeroot, Canada, cns. lb. 10.25 -12.50
Soybean, dom., crude, dms. lb. .0980- .0990
tanks lb. .0870- —
refd., dms. lb. .0990- .1070
tanks lb. .0920- .0970
Spearmint, USP., cns. lb. 2.00 - 2.05
Sperm, bleach, 38°, dms. lb. .0940-.0940
45°, dms lb. .0870-.0890
natural, dms. lb. .0820-.0840
Spruce, cns. lb. 1.00 - 1.05
Sunflowerseed, refd., dms. lb. .11 Nom.
Sweet birch, North., cns. lb. 3.50 - 4.75
South., cns lb. 1.90 - 2.10
Oil, tallow, acidless, bbls. 100 lbs. 9.75 - —
tanks 100 lbs. 9.25 - —
Tansy, cns. lb. 1.50 - 1.60
Tar, commil., dms., c.l., divd. E. cities gal. .26 - —
E. ports gal. .25 - —
l.c.l. gal. .26 - —
tanks, divd. E. cities gal. .20 - —
Tar acid (see T)
Teaseed, dms. lb. .14¼- .14½
shipment, dms. lb. .13 Nom.
Thyme, NF, red, dms. lb. .80 - 1.25
white, dms. lb. .85 - 1.30
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. gal. 4.00 - 5.00
Valerian, bots. lb. 13.50 -14.00
Vetiver, Bourb. bots. lb. 10.50 -11.00
Walnut, crude, dms. lb. .11 - .11¼
refd., dms. lb. .12 - .12¼
Whale, refd., natural, dms. lb. .0990- .0710
winter, bleach, dms. lb. .0730- .0750
Wheat germ, cns., dms. gal. 27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms. gal. .42 - .44
65-75 vis., dms. gal. .44 - .46
80-90 vis., dms. gal. .45 - .47
U.S.P., 80-90 vis., dms. gal. .54 - .56
95-105 vis., dms. gal. .63 - .65
120-130 vis., dms. gal. .75½- .77½
140-150 vis., dms. gal. .76½- .78½
175-185 vis., dms. gal. .78½- .80½
200-210 vis., dms. gal. .80 - .82
220-230 vis., dms. gal. .85¼- .87½
335-345 vis., dms. gal. .87 - .89
Russian, 75-85 vis., dom. gal. .52 - —
145-155 vis., dms. gal. .74½- —
185-190 vis., dms. gal. .76½- —
275-285 vis., dms. gal. .80 - —
335-345 vis., dms. gal. .85 - —
Wintergreen, natural, North., cns. lb. 4.00 - 5.00
South., cns. lb. 3.35 - 3.75
wyath. (see Methyl salicylate).
Oil, wood (see Oil, chinawood).
Wormseed, cns. lb. 2.00 - 2.10
Wormwood, cns. lb. 2.65 - 2.75
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots. lb. 26.00 -30.00
Opium, USP, cns. lb. 11.50 -12.50
gran., cns. lb. 12.50 -13.50
powd., cns. lb. 12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls. lb. .39 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash. lb. .10¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .10¾- —
Colo., Mont., N. M., Wyo. lb. .10¼- —
Other points lb. .10 - —
smaller lots, divd., Ala., etc. lb. .10¾- —
Ariz., etc. lb. .11¼- —
Colo., Mont., N. M., Wyo. lb. .11 - —
Other points lb. .10¼- —
French Tours, cks., ex dock lb. .17 - —
tgs., ex dock lb. .16½- —
Peel, bitter, bls. lb. .08 - .09
Sweet, bls. lb. .09 - .10
Toner bbls. lb. .80 - —
Orangeflower petals, cs. lb. .35 - .36
Orris root, Florentine, bgs. lb. .09 - .10
fingers, cs. lb. .95 - 1.00
powd., bbls., bxs. lb. .12 - .13
Verona, bls. lb. .08 - .09
powd., bxs., cs. lb. .11 - .13
Orthoanisidin, bbls. lb. .82 - .84
Orthochloroanilin, dms. lb. .60 - .75
Orthochlorophenol, dms. lb. .85 - .95
Orthocresol, dms. lb. .13 - .15
Orthodichlorobenzene, dms. lb. .06¼- .11¼
Orthonitroanilin, dms. lb. .48 - .60
Orthonitrochlorobenzene, kgs. lb. .28 - .29
Orthonitroparachlorophenol, cns. lb. .70 - .75
Orthonitrophenol, kgs. lb. .85 - .90
Orthonitrotoluene, dms. lb. .07 - .10

Orthotoluene sulphonate, kgs. lb. 2.00 - 2.05
Orthotoluidin, dms. lb. .14½- .15
Osage orange extract, cryst., bbls. lb. .17 - .19
liquid, 51°, bbls. lb. .07 - .09
Oxyquinolin sulphate, cns., 100-lbs., works lb. 2.80 - —
bots., cns., 1-50 lbs. lb. 2.65 - 4.60

P

Papain, powd., cs. lb. 1.00 - 1.05
Paprika, Hungarian, bgs. lb. .24 - .26
Spanish, extra fancy, cs. lb. .28 - .30
fair, bgs. lb. .24½- .25½
fancy, bgs. lb. .27½- .28½
medium, bgs. lb. .26½- .27½
Para-aminoacetanilide, kgs. lb. .85 Nom.
Para-aminophenol, bgs., bbls. lb. 1.05 - —
Hydrochloride, bbls. lb. 1.35 - —
Para-amylphenol, tertiary, dms., l.c.l., works lb. .50 -
Parachlorophenol, dms. lb. .30 - .45
Paraxymene, rfd., dms. gal. .75 - 1.25
Paradichlorobenzene, dms. lb. .16 - .20
kegs lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy. lb. .02¾- .03½
bbls., c.l., N. Y. lb. .0240- —
124-126 A.m.p., bgs. c.l. Okla. refy. lb. .02¾- .03½
bbls., c.l., N. Y. lb. .0245- —
yellow, 124-126 A.m.p., bbls c.l., N. Y. lb. .02½ Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l. lb. No prices
122-126 A.m.p., bgs., c.l. lb. .0445- —
export, f.a.s. N. Y. lb. .0440- —
126-127 A.m.p., bgs., c.l. lb. .0455- —
export, f.a.s. N. Y. lb. .04½- —
128-130 A.m.p., bgs., c.l. lb. .0480- —
export, f.a.s. N. Y. lb. .04¾- —
130-132 A.m.p., bgs., c.l. lb. .0495- —
export, f.a.s. N. Y. lb. .0490- —
132-135 A.m.p., bgs., c.l. lb. .0555- —
export, f.a.s. N. Y. lb. .05½- —
135-137 A.m.p., bgs., c.l. lb. .0580- —
export, f.a.s. N. Y. lb. .05¾- —
138-140 A.m.p., bgs., c.l. lb. .0695- —
143-145 A.m.p., bgs., c.l. lb. .0790- —
Refined paraffin prices in cases are ½c. lb higher than bags price.
match, A.m.p. up to and incl. 110-112, bbls., c.l. lb. .03 - —
semirfd., solid, 122-124 A.m.p., bgs. lb. .02¾- Nom.
Paraformaldehyde, kgs., 1,000 lbs. lb. .22 - —
100-lbs. lb. .23 - —
Paraldehyde, tech., dms., wks. lb. .16 - .18
USP, obys. lb. .37 - .45
Paranitraniilin, kgs. lb. .47 - .49
Paranitrochlorobenzene, kgs. lb. .23½- .24
Paranitrophenol, kgs. lb. .35 - .37
Paranitrotoluene, kgs. lb. .36 - .37
Paraphenylenediamine, bbls. lb. 1.25 - 1.30
Paratertiaryamylphenol, dms., 56,000 lbs., Wyandotte, Mich. lb. .23 - —
10,000 lbs., same basis lb. .25 - —
2,000 lbs., same basis lb. .40 - —
1,000 lbs., same basis lb. .50 - —
6 lbs., same basis lb. 1.00 - —
1-5 lbs., same basis lb. 2.00 - —
tanks, same basis lb. .21 - —
Paratoluenesulphonamide, bbls. lb. .70 - .75
Paratoluenesulphonanilide, bbls. lb. .55 - —
Paratoluidin, bbls. lb. .58 - .60
Pareira brava root, bls. lb. .13 - .14
Paris green, bxs., frt. all'd E. of Cleve. lb. .26 - .27
kgs., same basis lb. .22 - .24
kits, same basis lb. .26 - —
Passion flower herb, bls. lb. .06½- .07
Patchouli leaves, bls. lb. .15 - .18
Pellitory root, bls. lb. .16 - .17
Pennyroyal, bls. lb. .10 - .11
Pentane, norm., 28-38°, dms., c.l., G.S. gal. .10 - —
l.c.l., G.S. gal. .15 - —
tanks, G.S. gal. .09 - —
laboratory grade, dms., c.l., G.S. gal. .19 - —
l.c.l., G.S. gal. .26 - —
Pepper, black, Alleppy, bgs. lb. .08½- .09
Lampong, bgs. lb. .04¾- .05
Tellicherry, bgs. lb. .09 - .09¼
Red, birdseye, new crop, bgs., afloat lb. .16 - .18½
old crop, bgs. lb. .13 - .13½
Japanese, 1, bgs. lb. .10¾- .11¼
Mombassa, bgs. lb. .14 - .14½
White, Borneo, bgs. lb. .08½- .09
Java, Muntok, bgs. lb. .08¾- .09
Saigon, bgs. lb. .09 - .09½
Singapore, Muntok, bgs. lb. .08¾- .09
Peppermint leaves, dom., bls. lb. .30 - .32
import., bls. lb. .45 - .50
Persian berry extract, bbls. lb. .35 Nom.
Peru balsam, dms. lb. 1.05 - 1.10
Petrolatum, amber, dark, bbls., c.l. lb. .03¾- .03¾
light, bbls., c.l. lb. .04¼- .04¾
medium, bbls., c.l. lb. .03¾- .04¼
cream, bbls., c.l. lb. .05 - .05½
green, dark, bbls., c.l. lb. .03¼- .03¾
red, bbls., c.l. lb. .03¾- .03¾
veterinary, bbls., c.l. lb. .03¾- .03¾
white, lily, bbls., c.l. lb. .06 - .06¼
snow, bbls., c.l. lb. .07 - .07¼
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights bbl. .74 - .80
Athens bbl. .84 - 1.07
Beldridge bbl. .70 - 1.23
Buena Vista Hills bbl. .70 - 1.33
Coalinga bbl. .70 - .90
Coyote Hills (West) bbl. .70 - 1.23
Dominguez bbl. .70 - 1.04
East Coyote bbl. .76 - .96
Elk Hills bbl. .70 - 1.33
Elwood Terrace, f.o.b. ship. bbl. 1.36 - 1.43
Huntington Beach bbl. .78 - 1.23
Inglewood bbl. .70 - 1.37
Kern Front bbl. .70 - —
Kern River bbl. .70 - —
Kettleman Hills bbl. 1.19 - 1.43
La Habra bbl. .70 - .94
Lakeview bbl. .70 - 1.25
Lost Hills bbl. .70 - 1.43
McKittrick bbl. .70 - —
Midway - Sunset (except Lakeview) bbl. .70 - 1.37
Montebello bbl. .77 - 1.43
Mt. Poso bbl. .70 - —
Mountain View bbl. .70 - 1.30
Newhall bbl .70 - —
Olinda Brea bbl .74 - 1.27
Orcutt bbl .70 - .98
Playa del Rey, f.o.b. pipeline bbl .80 - 1.18
Richfield bbl .76 - 1.09

Petroleum, crude, bulk, at wells—
Rosecrans bbl. .84 - 1.08
Round Mt. bbl. .70 - —
Santa Fe Springs bbl. .76 - 1.49
Santa Paula bbl. .70 - 1.01
Seal Beach bbl. .79 - 1.19
Signal Hill bbl. .80 - 1.21
Torrence bbl. .80 - 1.08
Wheeler Ridge bbl. .70 - .88
Whittier bbl. .76 - .80
Canada:—
Oil Springs bbl. 2.17 - —
Petrolia bbl. 2.10 - —
Central West:—
Illinois bbl. 1.28 - —
Lima bbl. 1.26 - —
Midland (Mich.) bbl. 1.42 - —
Princeton bbl. 1.13 - —
East Texas bbl. 1.15 - —
Gulf Coast:—
Barber's Hill bbl. .92 - 1.28
Batson bbl. .92 - 1.21
Conroe bbl. 1.24 - 1.34
Dayton bbl. .92 - 1.23
Evangeline bbl. .92 - 1.23
Goose Creek bbl. .92 - 1.23
High Island bbl. .92 - 1.23
Hull bbl .92 - 1.23
Humble bbl. .92 - 1.23
Liberty bbl. .92 - 1.23
Markham bbl. .92 - 1.23
Orange bbl. .92 - 1.23
Pettus bbl. 1.28 - —
Pierce Junction bbl. .92 - 1.23
Port Lavaca bbl. .80 - —
Refugio, heavy bbl. .90 - —
light bbl. .92 - 1.23
Saratoga bbl. .92 - 1.23
Sour Lake bbl. .92 - 1.23
Spindle Top bbl. .92 - 1.23
Sugarland bbl. .92 - 1.23
Terry bbl. .92 - 1.23
West Columbia bbl. .92 - 1.23
Kentucky, Tennessee:—
Oil City, in Stoll lines bbl. .100 - —
Somerset bbl. 1.30 - 1.88
Western Kentucky, all gravities bbl. 1.28 - —
Louisiana, Arkansas:—
Bosco bbl. 1.02 - —
Bull Bayou bbl. .71 - 1.06
Caddo bbl. .78 - 1.10
Cameron Meadows bbl. .82 - 1.12
Cotton Valley bbl. .78 - 1.10
De Soto bbl. .78 - 1.10
El Dorado bbl. .78 - 1.10
Haynesville bbl. .78 - 1.10
Homer bbl. .78 - 1.10
Iowa bbl. .72 - 1.02
Lockport bbl. .92 - 1.23
Miller County bbl. .78 - 1.10
Nevada bbl. .95 - —
Pine Island bbl. .84 - 1.08
Rodessa bbl. .78 - 1.10
Smackover bbl. .75 - .80
Urania bbl. .97 - —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—
Panuco bbl. 1.00 - —
Tax, 12.365c. per bbl.
Tuxpan bbl. No prices
Tax, 20.261c. per bbl.
Midcontinent:—
Corsicana bbl. .80 - —
North Texas bbl. .80 - 1.13
Oklahoma-Kansas bbl. .86 - 1.19
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany bbl. 2.45 - —
Corning bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines bbl. 1.97 - —
Eureka lines bbl. 2.13 - —
S.W. Penn lines bbl. 2.17 - —
lower district in National Transit lines bbl. 2.37 - 2.43
Rocky Mountain:—
Big Muddy bbl. 1.11 - —
Cat Creek bbl. 1.07 - —
Elk Basin bbl. 1.13 - —
Frannie, heavy bbl. .73 - —
light bbl. .76 - —
Grass Creek, heavy bbl. .72 - —
light bbl. 1.13 - —
Greybull bbl. 1.26 - —
Lance Creek bbl. .75 - —
Pondera bbl. 1.05 - —
Rock Creek bbl. 1.13 - —
Salt Creek bbl. .94 - 1.18
Sunburst bbl. 1.15 - —
South, Central and Southwestern Texas:—
Cass County bbl. .86 - 1.10
Darst Creek bbl. .97 - 1.09
Luling bbl. .90 - —
Lytton Springs bbl. 1.00 - —
Mirando bbl. .85 - —
Panola County bbl. .94 - 1.09
Salt Flat bbl. 1.02 - —
Saxet bbl. .90 - —
Tomball bbl. 1.30 - —
Van bbl. .79 - 1.09
Texas Panhandle:—
Carson-Hutchinson counties bbl. .91 - .96
Gray County bbl. .94 - .98
West Texas:—
Artesia, N. M. bbl. .75 - —
Crane bbl. .75 - .90
Crockett bbl. .75 - .98
Ector bbl. .75 - .90
Glasscock bbl. .75 - .98
Hobbs, N. M. bbl. .95 - —
Hogback bbl. 1.31 - —
Howard bbl. .75 - .90
Jackson, N. M. bbl. .75 - —
Lea, N. M. bbl. .75 - .90
Maljamar, N. M. bbl. .75 - —
Mitchell bbl. .80 - —
Pecos bbl. .75 - .90
Upton bbl. .75 - .90
Winkler bbl. .95 - —
Ether, 30-60°, dms., c.l. G.S. gal. .15 - —
l.c.l., G.S. gal. .17 - —
tanks, G.S. gal. .13 - —
35-60°, dms., l.c.l., G.S. gal. .35 - —
40-75°, dms., c.l., G.S. gal. .15 - —
l.c.l., G.S. gal. .16 - —
tanks, G.S. gal. .13 - —
laboratory grade, dms., c.l., G.S. gal. .19 - —
l.c.l., G.S. gal. .25 - —
10-gal. lots, G.S. gal. .50 - —
Lacquer, diluent, at refinery:—
California, 49-51, 229 l.b.p., 335 e.p., tanks gal. .12 - —
58-62, 160 l.b.p., 270 e.p., tanks, delvd. Los Angeles gal. .13½- —
San Francisco gal. .14 - —
f.o.b. Richmond gal. .14 - —
Willbridge, Ore.; Pt. Wells, Wash. gal. .14½- —
61-65, 149 l.b.p., 275 e.p., tanks gal. .15 -
East Coast, tanks gal. .12 - .13½
drums gal. .19 - —
Group 3, tanks gal. .09¾- .09¼

Petroleum, naphtha, cleaners, at refinery:—
East Coast, tanks....gal. .09½- —
Group 3, tanks....gal. .07½- .07½
tankwagon, Boston, ex-tax, gal. .13 - —
Chicago, inc. 3c. tax..gal. .145 - .155
Decatur, inc. 3c. tax..gal. .17½- .18½
Des Moines, inc.3c.tax.gal. .172 - .182
Evansville, Ind, ex tax.gal. .149 - .162
Milwaukee, inc. 4c. tax, gal. .188 - .198
Minneapolis-St. Paul, inc. 3c. tax..gal. .179 - .189
Newark, ex tax....gal. .11½- —
New York, ex tax....gal. .11½- —
Omaha, ex tax....gal. .149 - .159
Oklahoma City, ex tax.gal. .15 - .16
Philadelphia, ex tax...gal. .11½- —
St. Louis, ex tax....gal. .142 - .152
Syracuse, 150 gals....gal. .14 - —
smaller lots, galv. drums, gal. .13 - —
milk cans....gal. .21 - —
Tulsa, ex tax....gal. .15 - .16
high solvency, aromatic, 5, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt....gal. .16½- —
80, same basis....gal. .16½- .17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt..gal. .16 - —
2, same basis....gal. .16 - —
3, same basis....gal. .16 - —
4, same basis....gal. .16 - —

V.m.&p., at refinery:—
California, 49.5, 255 i.b.p., 390 e.p., tanks, f.o.b. El Segundo..gal. .13½- —
Richmond ....gal. .14 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .14½- —
54-57, 190 i.b.p., 310 e.p., tanks, delvd. Los Angeles..gal. .12½- —
San Francisco..gal. .13 - —
East Coast, tanks....gal. .10 - —
Group 3, tanks....gal. .07½- .07½
Pennsylvania, tanks...gal. .07½- —
tankwagon, Boston, ex-tax, gal. .13 - —
Chicago, inc. 3c. tax..gal. .14½- .15½
Decatur, inc. 3c. tax..gal. .136 - —
Des Moines, inc.3c.tax.gal. .173 - .183
Evansville, Ind., ex tax.gal. .149 - .159
Milwaukee, inc. 4c.tax.gal. .188 - .198
Minneapolis-St. Paul, inc. 3c. tax..gal. .179 - .189
Newark, ex tax....gal. .12½- —
New York, ex tax....lb. .11½- —
Omaha, ex tax....gal. .149 - .159
Philadelphia, ex tax...gal. .13 - —
St. Louis, ex tax....gal. .142 - .153

Solvent, rubber, at refinery:—
California, 60.2-63.5, 167 i.b.p., 230 e.p., tanks, inc. tax..gal. .14 - .14½
62.3, 104 i.b.p., 293 e.p., tanks, inc. tax..gal. .14 - .14½
East Coast, tanks....gal. .09½- —
Group 2, light, 120 i.b.p., 250 e.p., tanks..gal. .07½- .07½
standard, 180 i.b.p., 288 e.p., tanks..gal. .07½- .07½

Stoddard (CS 3-28), at refinery):—
East Coast, tanks....gal. .06½- —
Group 3, tanks....gal. .06½- .07
tankwagon, Boston, ex tax, gal. .12½- —
Chicago, inc. 3c. tax..gal. .14 - .15
Decatur, inc. 3c. tax..gal. .14½- .15½
Des Moines, inc.3c.tax.gal. .163 - .173
Evansville, Ind., ex tax.gal. .142 - .152
Milwaukee, inc. 4c.tax.gal. .178 - .188
Minneapolis-St. Paul, inc. 3c. tax.gal. .154 - .164
Newark, ex tax....gal. .10½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax....gal. .10½- —
Oklahoma City, ex tax.gal. .12 - .13
Omaha, ex tax....gal. .13 - .14
Philadelphia, ex tax...gal. .11½- —
St. Louis, ex tax....gal. .11½- .12½
Tulsa, ex tax....gal. .10 - .11

Thinner, at refinery:—
California, 35.5, 200 i.b.p., 413 e.p., low aniline, tanks, f.o.b. Los Angeles...gal. .14 - —
Portland, Ore....gal. .15 - —
Richmond ....gal. .13½- —
Seattle, Wash....gal. .15½- —
42-46, 305 i.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash., Willbridge, Ore. gal. .12½- —
Richmond ....gal. .13 - —
Southern Calif'nia..gal. .11½- —
55, 200 i.b.p., 305 e.p., tanks, f.o.b. El Segundo, gal. .12½- —
Portland, Ore....gal. .14½- —
Richmond ....gal. .14 - —
Seattle, Wash....gal. .14½- —
East Coast, 42-47, tanks..gal. .09 - —
47-49, tanks....gal. .09 - —
Group 3, tanks....gal. .06½- .06½
Pennsylvania, tanks....gal. .06½- —
tankwagon, tax included:—
Albany ....gal. .11 - —
Baltimore ....gal. .13 - .15
Bingham, N. Y....gal. .14 - .16
Boston ....gal. .12 - .13
Bridgeport, Conn....gal. .13 - —
Buffalo ....gal. .14 - —
Camden, N. J....gal. .116 - .126
Chicago ....gal. .153 - .162
Decatur, Ill....gal. .176 - —
Des Moines....gal. .163 - .173
Evansville, Ind....gal. .142 - .153
Milwaukee ....gal. .178 - .188
Minneapolis-St. Paul...gal. .203 - .213
Newark ....gal. .10½- —
New York (200 gals.)..gal. .10½- —
smaller lots....gal. .11 - —
Omaha ....gal. .139 - .149
Philadelphia ....gal. .116 - .126
Pittsburgh ....gal. .13 - .14
Providence ....gal. .13 - .13
Rochester ....gal. .12 - .14
St. Louis....gal. .139 - .149
Syracuse ....gal. .13 - .15
Trenton ....gal. .11½- .12½
Wilmington, Del....gal. .15 - —
contracts, 1,000 gals.gal. .13 - —

Phenobarbital, bots....lb. 4.80 - 4.95
Phenol, USP, dms., c.l. works, frt. equald....lb. .14½- —
l.c.l., same basis....lb. .15 - —
tins, c.l., same basis....lb. .15½- —
l.c.l., same basis....lb. .16 - —
Phenolphthalein, USP, bbls.,dms., 2,000 lbs..lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls....lb. .70 - —
Phenyl chloride, dms....lb. .16 - —
Phenylacetaldehyde, bots....lb. 4.85 - 5.25
Phenylhydrazin hydrochloride, CP, bots., works..lb. 3.80 - 5.10
commercial, kgs., works..lb. 3.30 - 3.50
pure, bots., works....lb. 2.95 - 3.25
Phloroglucinol, CP, tins, works.lb. 20.00 - 22.00
tech., tins, works....lb. 15.00 - 16.50

Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.25 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.25 - —
72% min., bulk, mines... long ton. 2.35 - —
75% basis, 74% min., bulk mines..long ton. 3.55 - —
Tenn., 72%, bulk, mines.... long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs....lb. .40 - .44
Yellow, cs....lb. .36 - .37½
Oxychloride, cyls....lb. .16 - .20
Sesquisulphide, cs....lb. .38 - .42
Trichloride, cyls....lb. .16 - —
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis....lb. .15½- —
Pichi leaves, bgs....lb. .08 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.60 - 2.75
Nitrate, bots., vls....oz. 2.40 - 2.65
Pimento, bgs....lb. .14 - .14½
Pinkroot, bls....lb. .25 - .26
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. ....ton. 22.00 - —
hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 30.00 - 31.00
f.o.b. works....ton. 15.00 - —
Linseed, dms....lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls....bbl. 4.00 - 4.50
Stearin, dms....lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls....lb. .12 - .13
Podophyllin, cns....lb. 3.00 - 3.25
Poke root, bls....lb. .06½- .07

Pomegranate bark, bgs....lb. .18 - .19
Root bark, bgs....lb. .40 - .41
Poppy flowers, red, bls....lb. .35 - .40
Seed, Dutch, bgs....lb. .07½- .08
Hungarian, bgs....lb. .07½ Nom.
Polish, bgs....lb. .07½- .07¾
Potash acetate, USP, bbls.,kgs.lb. .25 - .29
80% sol., bbls....lb. .06½- .09
Bicarbonate, USP, cryst., bbls. lb. .09 - .10
gran., bbls....lb. .10 - .12
Bichromate, bbls....lb. .08½- .09
Binoxalate, dms....lb. .25 - —
Bisulphate, kgs....lb. .15½- .17
Bromide, bbls....lb. .31 - .33
Carbonate, calc., 96-100%,cks.lb. .06½- .08
96-98%, cks., c.l., Bost., Balto. arrival..lb. .06¾- —
l.c.l., 5 or over, same basis..lb. .07¾- —
N. Y. arrival....lb. .07¾- —
N. Y. stocks....lb. .07¾- —
less than 5, Bost., Balto. arrival..lb. .07¾- —
N. Y. arrival....lb. .07¾- —
N. Y. stocks....lb. .07¾- —
80-85%, cks....lb. .07½- .07½
Carbonate, sydrated, 83-85%, bbls., c.l., works..lb. .06 - —
l.c.l., 10 or over....lb. .06½- —
1-9 ....lb. .06¾- —
liquid, dms., dlvd....lb. .06½- .08½
USP, gran., bbls....lb. .14 - —
powd., bbls....lb. .17 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. ....lb. .07¼- .07½
import., dms....lb. .07 - .07½
liquid, 45% basis, dms....lb. .06¼- .06½
tanks ....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. ....lb. .06½- .06¾
import., cake....lb. .06½- .06¾
Chlorate cryst., kgs....lb. .09¼- .09½
gran., kgs....lb. .12 - .15
powd., kgs....lb. .08¼- .09¼

Petro. Naphtha—Potash Perchlo.

Potash chloride, tech., 96%, cryst., bbls...lb. .04 - .04½
Chromate, kgs....lb. .25 - .30
Citrate, USP, gran., bbls., 250 lbs...lb. .36 - —
kgs., 100 lbs....lb. .37 - —
cns., 50 lbs....lb. .38 - —
cns., 25 lbs....lb. .40 - .41
Cyanide, cns., dms....lb. .55 - .60
Glycerophosphate, 1.25, sol., cns., 100 lbs..lb. 1.35 - 1.80
Guaiacolsulphonate, cns....lb. 1.65 - 1.70
Hydroxide, U.S.P, sticks, cns.lb. .26 - .27
Hypophosphite, cns....lb. .72 - .77
Iodate, bbls....lb. 3.20 - 3.25
Iodide, bbls. 5lb dms....lb. 1.10 - 1.16
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports..ton. 12.00 - —
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.
Manure salt, dom., 20% K_2O, bulk, c.l.f. ports..ton. 12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 30% K_2O, bulk, shipt. unit-ton. .55 - —
Metabisulphite, kgs....lb. .13½- —
Muriate, dom., all strengths, min. 50% K_2O, bulk..unit-ton. .50 - —
import., all strengths, min. 50% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Nitrate, crude, import, bulk..ton. No prices.
Oxalate, pure, cryst., kgs....lb. .20 - .21
tech., bbls....lb. .18 - .20
Perchlorate, kgs., works....lb .09 - .11

Niagara AMERICA'S FIRST PRODUCER OF

CARBONATE OF POTASH

offers you the benefits of its pioneering experience in the production, handling and servicing of this important product. You are assured that its quality and uniformity will meet the most rigid tests... and that you will have the cooperation of men with advanced technical knowledge in solving problems regarding its use.

NIAGARA ALKALI COMPANY

Niagara

ALKALI COMPANY

ST 41st STREET, NEW YORK, N. Y.

Associated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Potash Permang.—Red, Tuscan

Potash permanganate, tech., dms. lb. .18½ - .19
Prussiate, red, bbls. lb. .45 - .4[illegible]
Yellow, bbls. lb. .18 - .19
Silicate alkaline, lump, bags. lb. .07 - —
Sulphate, NF, bbls. lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports ton. 36.25 - —
Vegetable, bulk, f.o.b. Balto. ton. 19.97 Nom.
Xanthate, dms., c.l. lb. .13 - —
l.c.l. lb. .13½ - —
Potash-magnesia sulphate, 48-50%, min. 48%, bgs., shipt. ton. 24.75 - —
Potash-titanium oxalate, kgs. lb. .33 - .33
Prickly ash bark, bls. lb. .12 - .13
Berries, bls. lb. .15 - .16
Prince's pine herb, bls. lb. .17½ - .18
Propane, tanks, G.S. gal. .01½ - .04¾
cyls., 100 lbs., G.S. gal. .40 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. lb. .18 - .19
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works lb. .03 - —
less than 3, works lb. .03½ - —
F and 1, bbls., 3 or over, works lb. .03½ - —
less than 3, works lb. .04 - —
0, 0½, 0¾, and ½, bbls., 0, 0-½, 0-¾, and ½, bbls., 3 or over, works lb. .04 - —
less than 3, works lb. .04½ - —
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y. ton. 32.00 - —
l.c.l., 5-20 tons, ex whse. ton. 32.00 - —
1,000-10,000 lbs., ex whse. ton. 32.00 - —
2 bgs. to 1,000 lbs., ex whse. ton. 41.00 - —
single bgs., ex whse. ton. 46.00 - —
Pumpkin seed, bgs. lb. .11 - .14
Purple lake (see Red).
Putty, com'l, dms. 100 lbs. 3.00 - —
linseed oil, raw, dms. 100 lbs. 4.75 - —
refined, dms. 100 lbs. 5.25 - —
standard, dms. 100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Bell test) dms. (incl.) frt. alld. E. of Rockies, standard brand gal. 4.25 - 4.60
standard make gal. 4.25 - 4.50
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 6.25 - 6.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over lb. .11½ - —
fine powd., Daimat., bbls., kgs. lb. .14 - .15
Japan, bbls., 5 tons lb. .14 - —
Pyridin, denaturing, dms. gal. 1.30 - —
refd., 2°, dms. lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports unit-ton. .12 - .13
Pyrocatechin, CP, cryst., works, fib. dms., tins. lb. 2.15 - 2.40
resublimed, fib. dms., tins. lb. 4.60 - —

Q

Quassia, chips, bls. lb. .06 - .07
Quebracho extract, liquid, 55% tan., bbls., works lb. .03½ - —
tanks, works lb. .02¾ - —
solid, 65%, bgs., c.l., ex dock, plus duty lb. .03¾ - —
clarified, 64%, bgs., c.l., same basis lb. .03¾ - —
Queen of the meadow, bgs. lb. .06 - .07
Root, bgs. lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls. lb. .06 - .08
solid, dms. lb. .10 - .15
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y. flask. 80.00 - 85.00
Quince seed, bgs. lb. .45 - 1.85
Quinidine, cryst., small, cns. oz. .96 - —
large, cns. oz. .98 - —
pwd., precip., cans oz. .91 - —
Sulphate, cns. oz. .67 - —
Quinine, 100 ozs., cns. oz. .74 - —
Acetate, cns. oz. .98 - —
Arsenate, cns. oz. .98 - —
Arsenite, cns. oz. 1.00 - —
Bisulphate, cns. oz. .53 - —
Citrate, cns. oz. .71 - —
Dihydrobromide, bots. oz. .74 - —
Dihydrochloride, bots. oz. .74 - —
Ethylcarbonate, cns. oz. .74 - —
Ferrocyanide, cns. oz. 1.00 - —
Formate, cns. oz. .93 - —
Glycerophosphate, cns. oz. 1.13 - —
Hydrochloride, cns. oz. .66½ - —
Hydrochlorosulphate, cns. oz. .74 - —
Hydroiodide, cns. oz. .98 - —
Hypophosphite, cns. oz. .98 - —
Phosphate, cns. oz. .81 - —
Salicylate, cns. oz. .72 - —
Sulphate, U.S.P. X, cns. oz. .53 - —
U.S.P. XI, cns. oz. .59½ - —
Sulphocarbolate, cns. oz. .96 - —
Tannate, cns. oz. .57 - —
Tartrate, cns. oz. .96 - —
Valerate, cns. oz. .92 - —
Quinine-urea hydrochloride, cns. oz. .74 - —

R

R salt, bbls. lb. .52 - .57
Rapeseed, Belgian, bgs. lb. .04¾ - .05¼
Dutch, bgs. lb. .05¼ - .05¾
Japanese, bgs. lb. .05¼ - .05¾
Raspberries, dried, bbls. lb. .65 - .70
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.10 - —
Alizarin lake prices are 3c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast, 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld. lb. .80 - —
smaller lots, same basis lb. .85 - —
kgs., ton lots, same basis lb. .85 - —
smaller lots, same basis lb. .90 - —
light shade, bbls., ton lots, same basis lb. .65 - —
smaller lots, same basis lb. .70 - —
kgs., ton lots, same basis lb. .70 - —
smaller lots, same basis lb. .75 - —
light-medium shade, bbls., ton lots, same basis lb. .70 - —
smaller lots, same basis lb. .75 - —
kgs., ton lots, same basis lb. .75 - —
smaller lots, same basis lb. .80 - —
maroon shade, bbls., ton lots same basis lb. .90 - —
smaller lots, same basis lb. .95 - —
kgs., ton lots, same basis lb. .95 - —
smaller lots, same basis lb. 1.00 - —
medium shade, bbls., ton lots, same basis lb. .75 - —
smaller lots, same basis lb. .80 - —
kgs., ton lots, same basis lb. .80 - —
smaller lots, same basis lb. .85 - —
selenide, bbls., c.l., works lb. 2.00 - —
l.c.l., works lb. 2.50 - —
Orange, bbls., c.l., works lb. 1.50 - —
l.c.l., works lb. 1.75 - —
Carmine 40, cns., 200 lbs. lb. 4.00 - —
100 lbs. lb. 4.15 - —
11 lbs. lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs. lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y. lb. .03¾ - —
80%-85%, bbls., same basis lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts lb. 1.25 - —
open order lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts lb. .75 - —
open order lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.29 - —
Metallic, bbls., Pa., works lb. .03 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .03½ - —
l.c.l., works lb. .03¾ - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y. lb. .03½ - —
80% copperas oxide, bbls., same basis lb. .07¾ - —
Para toner, concent., kgs., same basis alizarin lake, contracts lb. .75 - —
open order lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y. lb. .04¾ - —
ex whse., Chicago, St. Louis lb. .04¾ - —
San Fran., Los Ang., Portland, Seattle lb. .05 - —
Purple lake, kgs. lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis lb. .03 - —
Toner, kgs. lb. 1.50 - 2.00
Rose lake, bbls. lb. .20 - .30
Pink, bbls. lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake lb. .45 - —
Lake, kgs., same basis alizarin lake lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila. lb. .03½ - —
f.o.b. St. Louis lb. .03¾ - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila. lb. .03¾ - —
St. Louis lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .04½ - —
ex whse., Chgo., Cleve., Pgh. lb. .04½ - —
2 bbls., c.l., f.o.b. N. Y., Pa., ship pt. or ex dock N. Orleans, Phila. lb. .02¾ - —
f.o.b. St. Louis lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila. lb. .03 - —
St. Louis lb. .03½ - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .03¾ - —
ex whse., Chgo., Cleve., Pgh. lb. .03½ - —
6, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila. lb. .0265 - —
f.o.b. St. Louis lb. .0290 - —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila. lb. .0290 - —
St. Louis lb. .0315 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .03¾ - —
ex whse., Chgo., Cleve., Pgh. lb. .0340 - —
Toluidin toner, kgs., same basis alizarin lake lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis lb. .25½ - —
2, bbls., same basis lb. .20½ - —
3, bbls., same basis lb. .23½ - —
4, bbls., same basis lb. .23½ - —
5, bbls., same basis lb. .24 - —
6, bbls., same basis lb. .24 - —
7, bbls., same basis lb. .24 - —
8, bbls., same basis lb. .22 - —
9, bbls., same basis lb. .21½ - —
10, bbls., same basis lb. .19½ - —

FOR TOY DUCKS OR LIMOUSINES

Whatever the product to be finished—whatever the quality of lacquer required—the lacquer can be made most economically and used most economically when formulated with Butanol and Butyl Acetate. Practical experience in scores of factories and finishing plants has built a convincing case for these ideal lacquer solvents. Not only do lacquers formulated with Butanol and Butyl Acetate cut manufacturing costs, but they materially improve the appearance of the finished product as well. You can depend on Butanol and Butyl Acetate to give better results—and increase your profits!

COMMERCIAL SOLVENTS CORPORATION
NEW YORK CENTRAL BLDG., NEW YORK, N. Y.
PLANTS: TERRE HAUTE, IND.; PEORIA, ILL.; WESTWEGO, LA.; HARVEY, LA.; AGNEW, CALIF.
PROMPT SERVICE FROM BRANCH OFFICES AND WAREHOUSES
Products of Commercial Solvents Corporation, including Rossville Alcohols, are available in mixed carloads and in compartment tank cars, as well as in cans, drums, carloads, and tank cars.

Red, Venetian, bbls., works..lb. .0190- —
10%, bbls., works.....lb. .0210- —
15%, bbls., works.....lb. .0234- —
20%, bbls., works.....lb. .0254- —
25%, bbls., works.....lb. .0274- —
30%, bbls., works.....lb. .08 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .0365- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.65 - —
smaller lots.....lb. 1.66 - 1.75
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX bxs., flb. dms., kgs., 100-lbs..lb. 1.54 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs.,works.lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .80 - .81
powd., bbls., kgs.....lb. .84 - .85
Rochelle salt, cryst., bbls.....lb. .14 - —
powd., bbls.....lb. .13 - —
Rose flowers, pale, bls.....lb. .22 - .24
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 280 lbs. 7.17½- —
D, bbls.....280 lbs. 7.17½- —
E, bbls.....280 lbs. 7.17½- —
F, bbls.....280 lbs. 7.17½- —
G, bbls.....280 lbs. 7.17½- —
H, bbls.....280 lbs. 7.17½- —
I, bbls.....280 lbs. 7.17½- —
K, bbls.....280 lbs. 7.20 - —
M, bbls.....280 lbs. 7.20 - —
N, bbls.....280 lbs. 7.20 - —
W. G., bbls.....280 lbs. 7.50 - —
W. W., bbls.....280 lbs. 8.15 - —
X, bbls.....280 lbs. 8.20 - —
Rosin, wood, F.F., bbls., spot, 280 lbs. 6.77 - 7.80
works .....280 lbs. 6.05 - —
I, bbls., spot.....280 lbs. 7.12 - 8.15
works .....280 lbs. 6.40 - —
M, bbls., spot.....280 lbs. 7.32 - 8.35
works .....280 lbs. 6.60 - —
N, bbls., spot.....280 lbs. 7.82 - 8.85
works .....280 lbs. 7.10 - —
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .06½- .10
Rue, bls.....lb. .21 - .25

S

Sabadilla seed, powd., bbls....lb. .21 - .29
Saccharin, cns., 1,000 lbs.....lb. 1.70 - —
smaller lots.....lb. 1.75 - 1.90
Safflower, bls.....lb. .33 - .35
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins.....lb.19.00 -22.00
Safrol, cns.....lb. .57 - —
dms.....lb. .54 - —
Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls.....lb. .06½- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.40 - —
vacuum, common, fine, bgs.,c.l., dlvd. N.Y..ton.14.08 -14.58
l.c.l., dlvd. N.Y.....ton.17.00 - —
Saltcake, grd., dom., bbls.,works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l.....100 lbs. 6.90 - 7.05
5-24 .....100 lbs. 7.00 - 7.75
1-4 .....100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24 .....100 lbs. 6.90 - —
1-4 .....100 lbs. 6.25 - —
powd., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24 .....100 lbs. 7.00 - —
1-4 .....100 lbs. 7.25 - —
Santonin, cryst., cns.....lb.43.00 -45.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls.....lb. .11 - .12
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .19 - .21
Savory, bls.....lb. .07 - .07¼
Saw palmetto berries, bgs.....lb. .18 - .20
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .48 - .50
Seidlitz mixture, bbls.....lb. .11¼- —
kegs .....lb. .11¾- —
Senega root, bls.....lb. .36 - .38
Senna leaves, Alexandria, bls.lb. .09 - .10
Tinnevelly, No. 1, bls.....lb. .12½- .13
2, bls.....lb. .09 - .10
3, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .50 - .52
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .18 - .19
dlvd. Boston.....lb. .18½- .19¼
Chicago .....lb. .19 - .20
Pacific Coast .....lb. .21 - .23
refd., bbls., f.o.b. N.Y.....lb. .27 - —
dlvd. Boston .....lb. .27½- —
Chicago .....lb. .28 - —
Pacific Coast.....lb. .30 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .29
superfine, bgs., f.o.b. Bost., N.Y...lb. .15½- .16
dlvd. Chicago.....lb. .16½- .17
Pacific Coast.....lb. .28½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
Varnish, orange, 5-lb. cut, bbls. lb. .90 - 1.05
4½-lb. cut., bbls.....gal. .85 - 1.00
4-lb. cut, bbls.....gal. .80 - .95
white, 5-lb. cut, bbls.....gal. 1.05 - 1.30
4½-lb. cut, bbls.....gal. 1.00 - 1.15
4-lb. cut bbls.....gal. .95 - 1.10
Silica, amorph., dry-grd., 95-97% 325 mesh,bgs.,c.l.,works.ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots,works.ton.23.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.25.00 - —
l.c.l., 2½ tons,works.ton.26.50 - —
smaller lots, works.ton.28.00 - —
Silica, amorph., wet-grd., 95-97%, 325 mesh, bgs., c.l., works ton.21.00 - —
l.c.l., 2½ tons,works.ton.22.50 - —
smaller lots, works.ton.24.00 - —
96-98% 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons,works.ton.23.50 - —
smaller lots, works.ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quarts, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....os. .44¼- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32½- .34½
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....os. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .20 - .22
Western, bls.....lb. .18 - .19
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works.ton. 9.00 - —
l.c.l., works.....ton.10.00 -18.00
Sloe berries, bgs.....lb. .11. .13
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .25
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda acetate, dms.....lb. .06 - —
Acetate, anhyd., dms.....lb. .09½- .13
flake, 60%, dms.....lb. .04½- .07
Alginate, dms.....lb. .04 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms.....lb. .09½- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A .....100 lbs. 2.19 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.98 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.06 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.46 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A .....100 lbs. 2.52 - —
2 .....100 lbs. 2.62 - —
3 .....100 lbs. 2.87 - —
4 .....100 lbs. 3.27 - —
5 .....100 lbs. 2.57 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works.. 100 lbs. 1.20 - 1.23
l.c.l., Zone 1.....100 lbs. 2.03 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)
Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls.,c.l.,works.100 lbs. 1.85 - —
l.c.l., dlvd. N.Y...100 lbs. 2.55 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y...100 lbs. 2.80 - —
Bichromate, csks.....lb. .06¼- .07
Bifluoride, bbls.....lb. .11¼- .12
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 2.25 - 2.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 35-40%, cbys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .31 - .33
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd.,powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.....100 lbs. 4.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A .....100 lbs. 4.05 - —
2 .....100 lbs. 4.15 - —
3 .....100 lbs. 4.40 - —
4 .....100 lbs. 4.80 - —
5 .....100 lbs. 4.05 - —
electro. process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.35 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l.,works..100 lbs. 2.60 - —
l.c.l., Zone 1...100 lbs. 3.60 - —
1A .....100 lbs. 3.65 - —
2 .....100 lbs. 3.75 - —
3 .....100 lbs. 4.00 - —
4 .....100 lbs. 4.40 - —
5 .....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Soda chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09½
Citrate, USP VIII, gran., bbls., 225 lbs. .22 - —
cns., 50 lbs.....lb. .24 - —
25 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .23 - —
USP X, gran., bbls., 250 lbs. lb. .23½- —
cns., 50 lbs.....lb. .30½- —
25 lbs.....lb. .32½- .33½
kgs., 100 lbs.....lb. .29½- —
powd., bbls., 250 lbs.....lb. .29 - —
cns., 50 lbs.....lb. .31 - —
25 lbs.....lb. .33 - .34
kgs., 100 lbs.....lb. .30 - —
Cyanide, 96-98%, dom., dms..lb. .13½- .17½
import., cs.....lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphite, bbls.....lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
gen, bbls.....100 lbs. 2.50 - 2.85
gran., bbls.....100 lbs. 2.75 - 3.00
Iodate, jars.....lb. 5.03 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
l.c.l., dlvd.....100 lbs 3.15 - 3.75
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l. dlvd.....100 lbs. 2.65 - 3.15
Molyodate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .68 - .70
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .53 - .54
Nitrate, crude, natural, 100-lb. bgs., Sept. dlvy., fert. mfrs., ports.....ton.26.50 - —
200-lb. bgs., same basis, ton.25.80 - —
bulk, same basis.....ton.24.50 - —
synthetic, 100-lb. bgs, Sept. dlvy., ports..ton.26.50 - —
Oct.-June dlvy.,ports.ton.27.50 - —
200-lb. bgs., Sept. dlvy., ports..ton.25.80 - —
Oct.-June dlvy.,ports.ton.26.80 - —
bulk, Sept. dlvy., ports.ton.24.50 - —
Oct.-June dlvy.,ports.ton.25.50 - —
refd., gran., bbls.....100 lbs. 2.25 - —
powd., bbls.....lb. .06¾- —
Soda nitrite, 96-98%, dom., bbls., c.l..lb. .0710- .0735
l.c.l. .....lb. .0685-.1175
Oxalate, neut., bbls., kgs....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .19
Phosphate, dibasic, tech., bgs., c.l. E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls. c.l., E. works..... 100 lbs. 2.10 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
Tribasic, bgs. c.l. dlvd. E.... 100 lbs. 2.00 - —
l.c.l., 3,500 lbs. or over, 100 lbs. 2.40 - —
less than 3,500 lbs..... 100 lbs. 2.80 - —
bbls., c.l. dlvd E....100 lbs. 2.50 - —
l.c.l., 3,500 lbs. or over.. 100 lbs. 2.60 - —
less than 3,500 lbs..... 100 lbs. 3.00 - —
kgs, c.l., dlvd E.....100 lbs. 2.70 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 3.10 - —
less than 3,500 lbs..... 100 lbs. 3.50 - —
Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.
Picramate, kgs.....lb. .67 - .69
Prussiate, yellow, dom., bbls., works, contracts..lb. .11½- —
prompt shipmt.....lb. .13 - .15
import, cks., contracts....lb. .11½- —
prompt shipmt., cks...lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs. dlvd. N.Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.80 - —
works .....100 lbs. 1.50 - —
Salicylate, bxs.....lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works.100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .07 - .07½
import, bbls.....lb. .07 - .07½
Stannate, dms.....lb. .20 - .22
Stearate, lump, bbls, works..lb. .20 - —
powd., bbls., works.....lb. .22 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bord., Jersey City, N.Y., Norfolk, Phila., or frt.equald.100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.30 - —
less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l.,works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd... 100 lbs. 3.75 - —

Red, Venetian—Talc, Italian

Sulphite, cryst., bgs....100 lbs. 2.10 - 2.25
bbls. .....100 lbs. 2.30 - 2.50
powd., bbls., c.l.....100 lbs. 2.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .30
Sulphocyanide, dms., cns....lb. .33 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .32 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works, gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works, lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .24 - .30
Spikenard root, bls.....lb. .10 - .12
Spruce extract, bbls., works..lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .14 - .15
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06 Nom.
Starch, corn, pearl, bgs....100 lbs. 4.04 - 4.15
powd., bgs.....lb. 4.16 - 4.36
Iodide, bots.....lb. 1.87 - 1.92
Potato, dom., bgs.....lb. .04½- .05¼
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .03¼- .03¾
Staveacre seed, bgs.....lb. .35 - .40
Stearin, elec, bbls.....lb. .10 - .10½
Stillingia root, bls.....lb. .07 - .09
Stonecrop, bls.....lb. .06½- .07
Storax, cs.....lb. .25 - .30
Stramonium leaves, bls.....lb. .08 - .09
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls...lb. .08 - .09
import., cks.....lb. .08 - .09
Strophanthus seed, Kombe, bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .39 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hypophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .32 - .35
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .90 - .95
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton.18.00 - —
less than 1,000 tons, mines, contracts..long ton.20.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs.....100 lbs. 3.00 - 3.75
bbls. .....100 lbs. 3.25 - 4.10
Ref., broken, bgs.....100 lbs. 2.15 - 2.20
bbls. .....100 lbs. 2.20 - 2.25
flour, com'l, bgs.....100 lbs. 1.60 - 2.35
bbls. .....100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls..100 lbs. 3.20 - 3.25
heavy, bgs.....100 lbs. 2.55 - 3.20
bbls. .....100 lbs. 2.90 - 3.25
light, bgs.....100 lbs. 2.65 - 3.40
bbls. .....100 lbs. 3.00 - 3.75
roll, bgs.....100 lbs. 2.25 - 3.10
bbls. .....100 lbs. 2.50 - 3.20
Sulphur chloride, dms., works..lb. .03½- .04
tanks, works.....lb. .03 - .04
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .11 - .15
multi-unit cars, works..lb. .07½- .10
Iodide, bots. jars.....lb. 2.80 - 2.85
Sumac, Sicilian, grd, bgs....ton.60.00 - —
Extract, 43°, bbls.....lb. .04½- .06½
51°, bbls.....lb. .06½- .09½
Stainless, bbls.....lb. .06¼- .09¼
Leaf, Sicilian, bls.....ton.65.00 - —
Sunflower seed, Calif., large, bgs. lb. .07 - .07¼
medium, bgs.....lb. .06½- Nom.
poultry bgs.....lb. .06¼- .06
Hungarian medium, bgs..lb. .06 - .06½
Superphosphate, guaranteed 16% bulk, f.o.b. cars, boat, Balto. ton. 8.50 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-46% a.p.a., bulk, f.o.b. Balto..unit-ton. .72 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 98-99% 325 mesh, bgs., c.l., mills. ton.12.00 - —
l.c.l., mills.....ton.15.00 - —
96-98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
import., Canad., bgs., c.l., dlvd. ton.22.00 - —
l.c.l., dlvd.....ton.23.50 - —
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.22.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.75.00 -77.50
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival..ton.70.00 -72.00
ex whse.....ton.75.00 - —

Tallow—White Precipitate

Tallow, animal, edible, bbls	lb.	.05¾	Nom.
extra lasse, works	lb.	.06¾	—
special, loose, works	lb.	.06½	—
sulphonated, 35% (34% fat), dms., c.l.	lb.	.06	—
l.c.l.	lb.	.06½	—
60% (43% fat), dms., c.l.	lb.	.06½	—
l.c.l.	lb.	.07	—
50% (48% fat), dms., c.l.	lb.	.07	—
l.c.l.	lb.	.07½	—
Tamarinds, W. I., bbls	lb.	.06½	.06
kegs	keg	4.00	5.00
Tankage, animal, dom., grd., 10-15%, bulk, unit-ton		4.00	& .10
ungr., 10-15%, bulk, unit-ton		4.00	& .10
fertilizer grade, 11-15%, bulk, Chicago, unit-ton		3.50	& .10
high-grade, feeding, 11-12%, bulk, Chicago, unit-ton		4.75	& .10
import., S. Amer., bulk, c.i.f. ports, Aug., shipt. unit-tos		3.65	& .10
Tansy leaves, bls	lb.	.18	— .20
Tapioca flour, bgs	lb.	.03½	— .05½
Tar, pine, retort, bbls., dlvd. ports	gal.	.26	— —
dms., c.l., dlvd. E. cities	gal.	.26	— —
dlvd. ports	gal.	.25	— —
tanks, dlvd. E. cities	gal.	.20	— —
Tar acid oil, 15%, dms	gal.	.25½	— .26½
25%, dms	gal.	.24½	— .25½
Tartar emetic, tech., fine gran., bbls., 5 or more	lb.	.24½	—
less than 5	lb.	.25	—
powd., bbls., 5 or more	lb.	.24¾	—
less than 5	lb.	.25	—
USP, powd., bbls	lb.	.20	— .20½
Tetrabase, cns	lb.	.70	— .75
Tercosyl acetate, cns	lb.	.85	— 1.00
Terpin hydrate, kgs	lb.	.45	— .46
Terpineol, CP, cns	lb.	.26	— —
cns	lb.	.23	— —
Alpha, denat. grade, dms., c.l.	lb.	.14¾	— —
contracts	lb.	.13¾	— —
tanks	lb.	.14	— —
contracts	lb.	.13	— —
Terra alba (see Gypsum).			
Tetrachloroethane, dms., works	lb.	.06	— .06½
Tetrachloroethylene, CP, dms., bbls	lb.	.35	— .38
tech., dms	lb.	.1[illegible]	— .16½
Tetralin, dms	lb.	.12	— —
Theobromine, cns	lb.	1.35	— 1.90
Sodiosalicylate, cns	lb.	1.65	— 1.75
Thiocarbanilide, dms	lb.	.20	— —
Thorium nitrate, cs., works	lb.	2.20	— —
Thyme, French, bls	lb.	.11½	— .12½
Thymol, bots., 100 lbs	lb.	1.55	— —
smaller lots	lb.	1.60	— 1.65
Iodide, kgs., 50 lbs	lb.	3.15	— 3.20
25 lbs	lb.	3.20	— 3.30
Tin, crystals, bbls., kgs	lb.	.34½	— .35
Metal, Straits	lb.	.45½	— —
Oxide, bbls	lb.	.47	— 49
Tetrachloride, anhyd., bbls	lb.	.22	— —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld	lb.	.17	— —
Pac. cst., f.o.b. terminal	lb.	.17	— —
l.c.l., 5 tons, E., dlvd	lb.	.17½	— —
Pac. cst., ex whse	lb.	.17½	— —
1 ton, E., dlvd	lb.	.18	— —
Pac. cst., ex whse	lb.	.18	— —
50 lbs., E., dlvd	lb.	.18½	— —
Pac. cst., ex whse	lb.	.18½	— —
bbls., c.l. (20 tons), E. frt. alld	lb.	.17¼	— —
l.c.l., 5 tons, E., dlvd	lb.	.17¾	— —
1 ton, E., dlvd	lb.	.18¼	— —
50 lbs., E., dlvd	lb.	.18¾	— —
pigment, barium base, bgs., c.l. (20 tons), E. frt. alld	lb.	.06	— —
Pac. cst., f.o.b. terminal	lb.	.06	— —
l.c.l., 5 tons, E., dlvd	lb.	.06	— —
Pac. cst., ex whse	lb.	.06	— —
smaller lots, Pac. cst., ex whse	lb.	.06¼	— —
50 lbs., E., dlvd	lb.	.06¼	— —
bbls., c.l. (20 tons), E., frt. alld	lb.	.06¼	— —
l.c.l., 5 tons, E., dlvd	lb.	.06¼	— —
50 lbs., E. dlvd	lb.	.06¼	— —
Titanium, pigment, calcium base, c.l., (20 tons), E. frt. alld	lb.	.06	— —
Pac. cst., f.o.b. terminal	lb.	.06	— —
l.c.l., 5 tons, E., dlvd	lb.	.06	— —
Pac. cst., ex whse	lb.	.06	— —
smaller lots, Pac. cst., ex whse	lb.	.06¼	— —
50 lbs., E., dlvd	lb.	.06¼	— —
bbls., c.l. (20 tons), E. frt. alld	lb.	.06¼	— —
l.c.l., 5 tons, E., dlvd	lb.	.06¼	— —
50 lbs., E., dlvd	lb.	.06¼	— —
Toluidin base, kgs	lb.	.53	— .60
distilled, kgs	lb.	.95	— 1.00
Tolu balsam, cns	lb.	.50	— 55
Toluidin, mixed, dms	lb.	.27	— .28
Toluol (toluene), works	gal.	.35	— —
tanks, E. of Omaha, frt. alld	gal.	.30	— —
W. of Omaha, works	gal.	30	— —
Tonga vine, NF, bls	lb	.35	— 40
Tonka beans, Angostura, cks	lb.	2.50	— 2.60
Triacetin, dms	lb.	.26	— —
Triamylamine, dms., l.c.l., works	lb.	1.25	— —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.060	— —
W. of Rockies	lb.	.060	— —
l.c.l., works, frt. alld. E. of Rockies	lb.	.064	— —
W. of Rockies	lb.	.104	— —
Tricresyl phosphate, CP, cns., dlvd	lb.	.46½	— —
dms., c.l., dlvd	lb.	.32½	— —
500 lbs., dlvd	lb.	.36½	— —
tech., 1, cns., dlvd	lb.	.35	— —
dms., c.l., dlvd	lb.	.23	— —
500 lbs. dlvd	lb.	.25	— —
2, cns., dlvd	lb.	.33	— —
dms., c.l., dlvd	lb.	.21	— —
500 lbs., dlvd	lb.	.23	— —
Triethanolamine, dms., works	lb.	.26	— .30
Triphenyl phosphate, dms	lb.	.37	— .39
Triphenylguanidin, dms	lb.	.33	— .40
Tripoli, air-floated, bgs., c.l., works	ton.	27.50	— —
l.c.l., ex whse. N.Y	ton.	40.00	— —
1 ton, works	ton.	30.00	— —
1 bg., works	bag.	4.00	— —
double-grd., bgs., c.l., works	ton.	18.00	— —
l.c.l., 1 ton, works	ton.	22.50	— —
1 bg., works	bag.	3.50	— —
once-grd., bgs., c.l., works	ton.	16.00	— —
l.c.l., 1 ton, works	ton.	20.00	— —
1 bg., works	bag.	3.50	— —
Trisodium phosphate (see Soda phosphate, tribasic).			
Tungsten metal powd., 98%, dms.	lb.	1.80	- 1.90
Oxide, CP, kgs	lb.	2.65	- 2.75
tech., kgs	lb.	1.65	- 1.75
Turmeric root, Alleppy, bgs	lb.	.06¾	- .08¾
Madras, bgs	lb.	.06	- .06¼
Turpentine, spirits, gum, bbls., c.l., ex dock	gal.	.43	- —
l.c.l., 10, ex dock	gal.	.45	- —
5, ex dock	gal.	.47	- —
wood, dest.-dist., dms., c.l., dlvd. E. ports	gal.	.36	- —
l.c.l., same basis	gal.	.38	- —
tanks, dlvd, E. cities	gal.	.31	- —
steam-dist., dms., c.l., dlvd	gal.	.42	- —
l.c.l., dlvd	gal.	.45	- —
tanks, dlvd	gal.	.37	- —

U

Unicorn root, false (see Helonias root). True (see Aletris root).			
Uranium oxide, kgs	lb.	1.80	- —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va.	ton.	95.00	- —
10 to 19 tons, same basis	ton.	100.00	- —
1 to 9 tons, same basis	ton.	110.00	- —
100 to 1,900 lbs., same basis	100 lbs.	6.00	- —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt.	ton.	95.00	- —
10 to 19 tons, same basis	ton.	100.00	- —
1 to 9 tons, same basis	ton.	110.00	- —
100 to 1,900 lbs., same basis	100 lbs.	6.00	- —
pure, cs	lb.	.14½	- .15¼
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports, unit-ton.		No prices	
Uva ursi leaves, bls	lb.	.08	- .09

V

Valerian root, USP, bls	lb.	.11	- .12
Valonia, beards, bgs., shipt.	ton.	46.00	-55.00
Cups, bgs., shipt	ton.	35.00	-42.00
Vanilla beans, Bourbon, tins.	lb.	3.00	- 3.40
Mexican, tins	lb.	3.00	- 4.00
cut, tins	lb.	2.75	- 3.00
South American, tins	lb.	2.75	- 3.00
Vanillin, ex eugenol, tins, 100 lbs.	lb.	3.75	- —
less than 100 lbs.	lb.	3.85	- 4.35
ex guaiacol, tins, 100 lbs.	lb.	3.65	- —
less than 100 lbs.	lb.	3.75	- 4.25
Venice turpentine, true, cs.	lb.	.47	- .49
Verdigris, kgs	lb.	.24	Nom.
Violet, methyl, toner (see M).			
V.M.P., naphthas (see petroleum naphtha, v.m.p.).			

W

Wahoo bark, root, bls	lb.	.60	- .65
tree, bls	lb.	.19	- .20
Wattle bark, bgs., shipt	ton.	29.00	-30.00
Extract, 60°, bbls	lb.	.03¾	- —
Wax, bayberry, import., bgs.	lb.	.17½	- .20
Bees, white, bleach., slabs., cs., 500 lbs.	lb.	.35	- .38
yellow, crude, Africa, bgs., lots of 10.	lb.	.24	- .25
1 bg	lb.	.24½	- .25
Brazil, Chile, bgs., 5-10 tons	lb.	.26½	- .27
1 ton	lb.	.27	- .27½
500 lbs	lb.	.27½	- .28
100 lbs	lb.	.28	- .28½
refd., slabs, cs., 500 lbs	lb.	.28	- .30
Candelilla, bgs., 1 ton	lb.	.16	- .17
jobbing lots	lb.	.16½	- .17½
Carnauba, chalky 3, bgs., 1 ton.	lb.	.35¼	- .35¾
5 bgs	lb.	.35¾	- .36¼
1 bg	lb.	.36¼	- .36¾
N. C. 2, bgs	lb.	.39	- .40
N. C. 3, bgs., 1 ton	lb.	.35¼	- .35¾
5 bgs	lb.	.35¾	- .36¼
1 bg	lb.	.36¼	- .36¾
refined, bgs	lb.	.40	- .41
yellow, 1, bgs., 1 ton	lb.	.46	- .46½
5 bgs	lb.	.46½	- .47
1 bg	lb.	.47	- .47½
yellow, 2, bgs	lb.	.45	- .45½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton	lb.	.08	- —
jobbing lots	lb.	.09	- —
150°-160° m.p., bgs., 1 ton	lb.	.09	- —
jobbing lots	lb.	.10	- —
160° m.p., bgs., 1 ton	lb.	.10	- —
jobbing lots	lb.	.11	- —
import., pure, snow-white, 176° m.p., bgs., 1 ton	lb.	.43	- —
1,000 lbs	lb.	.44	- —
500 lbs	lb.	.45	- —
156° m.p., bgs., 1 ton	lb.	.44	- —
1,000 lbs	lb.	.45	- —
500 lbs	lb.	.46	- —
yellow, natural, 176° m.p., bgs., 1 ton	lb.	.36	- —
1,000 lbs	lb.	.37	- —
500 lbs	lb.	.38	- —
Japan, cs	lb.	.08¼	- .08¾
Montan, bgs., c.l.	lb.	.10¾	- .11¼
5 tons	lb.	.11	- .11½
less than 1 ton	lb.	.11¼	- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs.	lb.	.32	Nom.
70°-72° C., bgs	lb.	.33	Nom.
74°-76° C., bgs	lb.	.38	Nom.
Paraffin (see P).			
Spermaceti, blocks, cs	lb.	.23	- .24
cakes, cs	lb.	.24	- .25
White lead (see Lead, white).			
White pine bark, rossed, bls	lb.	.05	- .06
White precipitate, powd., bbls., bxs., nb. dms.	lb.	1.56	- —

Outstanding features of CRYPTONE ZS-20 enable you to produce high hiding paints more economically

Its hiding power alone makes Cryptone ZS-20 an exceptionally valuable white pigment. But other outstanding characteristics—color, ease of grinding, uniformity, and its non-settling property—sometimes not fully appreciated—unite to make this a unique paint pigment.

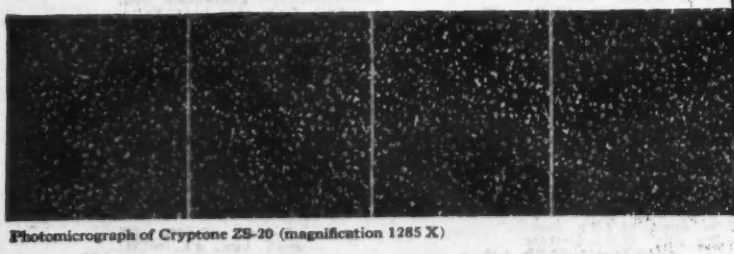
This pigment has an established reputation for ease of grinding. In fact, Cryptone ZS-20 is the easiest of the high hiding white pigments to grind.

Cryptone ZS-20 is increasing in popularity due to its non-settling property—of particular value in preserving the desirable qualities of shelf goods.

And don't forget Cryptone ZS-20, like all New Jersey Zinc pigments, is unsurpassed for uniformity, producing and maintaining the desired body from batch to batch.

Have you tested Cryptone ZS-20? If not, the coupon will bring you a sample.

CRYPTONE ZS-20
TECHNICALLY PURE ZINC SULPHIDE



Photomicrograph of Cryptone ZS-20 (magnification 1285 X)

THE NEW JERSEY ZINC COMPANY
160 FRONT STREET NEW YORK

Please send me a sample of Cryptone ZS-20.

NAME .....

ADDRESS .....

CITY .....

Whiting, chalk, coml., dry-grd.,
bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works.
ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's, bolted, bip. bgs., c.l.,
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l. works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l.,
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -23.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip. bgs., c.l.,
works..ton.16.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works.ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%
300 mesh, bgs. (extra), c.l.,
frt. alld. to 83 per ton..ton.10.00 - —
99.75% 300 mesh, bgs.,c.l.,
same basis..ton. 9.00 - —
95-98% 200 mesh, c.l.,
same basis..ton. 7.50 - —
40-98% 200 mesh, c.l.,
same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l.,
works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l.,
works..ton.12.50 - —
l.c.l., 8-20 tons, works..
ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l.,
works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l.,
works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works.
ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural.
bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06 - .06½
rossed, green, bls.....lb. .06 - .06½
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF,
bbls..gal. .55 - .65
Leaves, bls.....lb. .07 — .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l.,
works..ton.24.00 -30.00
standard, bgs., c.l., works..
ton.18.00 -24.00
import. 40-70 mesh, bgs., ex
dock..ton.20.00 - —
80-100 mesh, bgs.,ex dock.ton.25.50 - —
120 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 3.50 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms.,
works..gal. .35 - —
tanks, E. of Omaha, frt. alld.
gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .45 - —
tanks, E. of Omaha, frt. alld.
gal. .41 - —
W. of Omaha, works....gal. .41 - —
8°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld.
gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld.
gal. .33 - —
W. of Omaha, works.....gal. .33 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

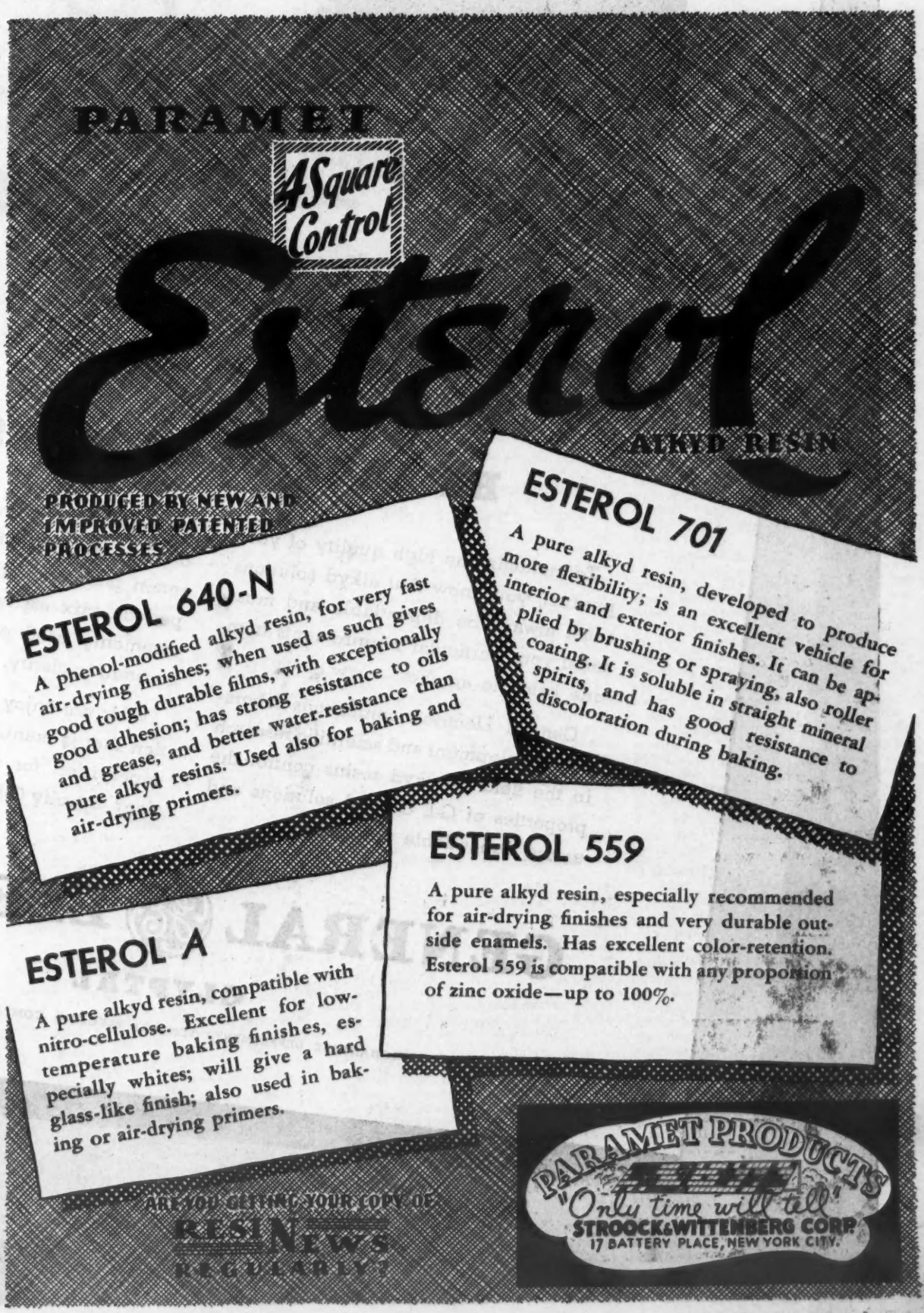
Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import.,
bxs..lb. 2.50 - —
Lithopone, all shades, bbls.,
1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis.
lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works.
lb. .90 - .95
Yellow, bbls.. works.....lb. .90 - —
Chrome, CP, bbls., dlvd.
N of Tenn. and N.C. E. of
Miss. R, including Davenport, Minneapolis, Rock
Island, St. Louis, St.Paul,
contracts..lb. .11 - —
open order.....lb. .13 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A,
bbls., works..lb. .03½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02½- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0190- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .02¼- —
French, all shades, cks., c.l.,
ex car L. Angeles.
lb. .0335- —
ex dock Balto., Bost.,
N. Orleans, Phila.
(dlvd. or f.o.b., 10c.
per 100 lbs. additional..lb. .03½- —
Port., S. Francisco,
S. Pedro, Seattle.lb. .03235- —
f.o.b. N.Y.....lb. .02½- —
Yellow, ocher, French, all shades,
casks., l.c.l., dlvd. Brook., Hoboken, J. City, L. L
City, N.Y. (Newark, 5c.
per 100 lbs. additional),
from dock..lb. .02½- —
from whse.....lb. .03½- —
ex car L. Angeles...lb. .03½- —
ex dock Balto., Bost.,
N. Orleans, Phila.
(dlvd. or f.o.b., 10c.
per 100 lbs. additional..lb. .03½- —
Port., S. Francisco,
N. Y.....lb. .02½- —
S. Pedro, Seattle.lb. .03½- —
ex whse, Balto., Bost.,
N. Orleans, Phila.,
(dlvd. or f.o.b., 10c.
per 100 lbs. additional)
lb. .03 - —
Chi., E. St. Louis,
Indipolis., K. City,
Milwk., St. Louis
(dlvd. or f.o.b., 10c.
per 100 lbs. additional)..lb. .03½- —
L. Angeles, Port., S.
Francisco, Seattle.lb. .03½- —
Minneap. (dlvd. or
f.o.b., 10c. per 100
lbs. additional...lb. .03½- —
N. Y.....lb. .03½- —
Pitsbgh. (dlvd. or
f.o.b., 10c. per 100
lbs. additional)..lb. .03½- —
f.o.b. Bethlehem,
Easton..lb. .03½- —
N.Y., from dock...lb. .02½- —
from whse.....lb. .03½- —
Yellow oxide, nat., bbls.,c.l.,f.o.b.
Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04½- —
synth., bbls., c.l., works...lb. .06½- —
l.c.l., works.....lb. .07 - .07½
Persian orange (see O)
Zinc, bbls., same basis chrome
OP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthorhiza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .06 - .09
Yohimbine hydrochloride, vls.ea. 2.50 - 2.85

Z

Zinc, arsenite, bgs., cs., c.l.,
consumers..lb. .09½- .12½
dealers .....lb. .09½- .12½
jobbers, E. of Rockies..lb. .09½- .11½
l.c.l., consumers, 5,000 lbs.
or over..lb. .10½- .12½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over.
lb. .10½- .13½
1,000-5,000 lbs.....lb. .10½- .13½
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .13
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .10½
USP, precip., powd., bbls..lb. .11 - .13

Whiting—Zinc Oxide

Zinc chloride, fused, dms., works
lb. .04½- .05½
Chloride, fused, dms., works.lb. .04½- .05½
gran., dms., works.....lb. .05 - .05½
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .03 - —
Cyanide, kgs., works.....lb. .36 - .37
Dust, bbls., c.l., dlvd.....lb. .0685- —
l.c.l., 10,000 lbs. or over,
dlvd..lb. .0760- —
less than 10,000 lbs., dlvd.
lb. .0810- —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.00 - 4.05
Metal (see daily quotations in market report).
Oxide, pigment, dom., Amer.
process, coml., lead-free,
bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except
Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except
Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
leaded, 5%, 85%, 80%,
bgs., c.l., dlvd..lb. .04½- —
l.c.l., dlvd., except
Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except
Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —


PARAMET
4 Square Control
Sistrol
ALKYD RESIN
PRODUCED BY NEW AND IMPROVED PATENTED PROCESSES
ESTEROL 640-N
A phenol-modified alkyd resin, for very fast air-drying finishes; when used as such gives good tough durable films, with exceptionally good adhesion; has strong resistance to oils and grease, and better water-resistance than pure alkyd resins. Used also for baking and air-drying primers.
ESTEROL 701
A pure alkyd resin, developed to produce more flexibility; is an excellent vehicle for interior and exterior finishes. It can be applied by brushing or spraying, also roller coating. It is soluble in straight mineral spirits, and has good resistance to discoloration during baking.
ESTEROL 559
A pure alkyd resin, especially recommended for air-drying finishes and very durable outside enamels. Has excellent color-retention. Esterol 559 is compatible with any proportion of zinc oxide—up to 100%.
ESTEROL A
A pure alkyd resin, compatible with nitro-cellulose. Excellent for low-temperature baking finishes, especially whites; will give a hard glass-like finish; also used in baking or air-drying primers.
ARE YOU GETTING YOUR COPY OF RESI NEWS REGULARLY?
PARAMET PRODUCTS
"Only time will tell"
STROOCK & WITTENBERG CORP.
17 BATTERY PLACE, NEW YORK CITY.

BE SURE OF THE BEST

To maintain the high quality of your product, you know that alkyd solutions must always be dependable and must meet your particular requirements from one batch to another.

General Electric's continuous laboratory development and scientific research in the field of alkyd resins control the properties of G-E Glyptal solutions and assure dependable vehicles.

Glyptal users know that they can rely on General Electric for solutions that will retain their original properties for long periods, mix easily with practically all commonly used pigments and will be constant in clarity, color and consistency.

Why not enjoy the benefits of a solution that is manufactured under careful supervision for your product's protection? Specify G-E Glyptal.

GENERAL ELECTRIC

GLYPTAL

APPLIANCE AND MERCHANDISE DEPARTMENT, GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONNECTICUT

Zinc oxide pigment, dom., French process, coml., lead-free, bgs., c.l., dlvd. lb.	.05	-	—
l.c.l., dlvd. except Pac. cst. lb.	.05¼	-	—
ex whse., Pac. cst. lb.	.05¼	-	—
bbls., c.l., dlvd. lb.	.05½	-	—
l.c.l., dlvd., except Pac. cst. lb.	.05½	-	—
ex-whse., Pac. cst. lb.	.05½	-	—
green seal, bgs, c.l., dlvd. lb.	.06	-	—
l.c.l., dlvd. except Pac. cst. lb.	.06¼	-	—
ex whse., Pac. cst. lb.	.06¼	-	—
bbls., c.l., dlvd. lb.	.06¼	-	—
l.c.l., dlvd., except Pac. cst. lb.	.06½	-	—
ex-whse., Pac. cst. lb.	.06½	-	—
red seal, bgs., c.l., dlvd. lb.	.06½	-	—
l.c.l., dlvd. except Pac. cst. lb.	.06¾	-	—
ex whse., Pac. cst. lb.	.06¾	-	—
bbls., c.l., dlvd. lb.	.06¾	-	—
l.c.l., dlvd., except Pac. cst. lb.	.06	-	—
ex-whse., Pac. cst. lb.	.06	-	—
white seal, bgs, c.l., dlvd. lb.	.06¼	-	—
l.c.l., dlvd. except Pac. cst. lb.	.06¾	-	—
ex whse., Pac. cst. lb.	.06¾	-	—
bbls., c.l., dlvd. lb.	.06¾	-	—
l.c.l., dlvd., except Pac. cst. lb.	.07	-	—
ex-whse., Pac. cst. lb.	.07	-	—
import., gold seal, cks., ex dock lb.	.10½	-	11½
green seal, bbls., 1-15 tons, ex dock lb.	.07½	-	.09½
ex whse. lb.	.07½	-	.09½
red seal, bbls., 1-15 tons, ex dock lb.	.08½	-	—
ex whse. lb.	.08	-	—
white seal, cks., lots of 5, ex dock lb.	.09½	-	—
ex whse. lb.	.10	-	—
smaller lots, ex dock lb.	.10	-	—
ex whse. lb.	.10¼	-	—
USP, bbls., c.l. lb.	.08	-	—
l.c.l. lb.	.08¼	-	—
Palmitate, bbls.	.22	-	.28
Resinate, fused, pale, bbls. lb.	.09	-	.10
precip., dms., dlvd. lb.	.15	-	—
Stearate, tech., precip., bbls., ctns., c.l. lb.	.19	-	—
l.c.l., 1 ton lb.	.20	-	—
1,000-2,000 lbs. lb.	.21	-	—
less than 1,000 lbs. lb.	.22	-	—
USP, bbls. lb.	.20	-	.22
Sulphate, cryst., bgs., c.l. 100 lbs.	2.65	-	—
l.c.l. 100 lbs.	3.15	-	—
bbls., c.l. 100 lbs.	2.80	-	—
l.c.l. 100 lbs.	3.30	-	—
flake, bgs., c.l. 100 lbs.	3.05	-	—
l.c.l. 100 lbs.	3.55	-	—
bbls., c.l. 100 lbs.	3.20	-	—
l.c.l. 100 lbs.	3.70	-	—
powd., bgs., c.l. 100 lbs.	4.35	-	—
l.c.l. 100 lbs.	4.85	-	—
bbls., c.l. 100 lbs.	4.50	-	—
l.c.l. 100 lbs.	5.00	-	—
Sulphide, bgs., c.l. (20 tons), dlvd. lb.	.10½	-	—
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst. lb.	.11	-	—
1 ton, same basis lb.	.11¼	-	—
smaller lots, same basis lb.	.11½	-	—
bbls., c.l. (20 tons), dlvd. lb.	.10¾	-	—
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst. lb.	.11¼	-	—
1 ton, same basis lb.	.11¼	-	—
smaller lots, same basis lb.	.11¾	-	—
Sulphocarbolate, NF, bbls. lb.	.24	-	.26
Zinc-ammonia chloride, cks. lb.	.0465	-	.05
Zinc-iron oxide pigment, bgs., c.l., dlvd. lb.	.03¾	-	—
l.c.l., dlvd. except Pac. cst. lb.	.04¼	-	—
ex whse., Pac. cst. lb.	.04¼	-	—
Zirconium nitrate, kgs., works lb.	3.00	-	4.00
Oxide, crude, 75-75%, grd., bbls., works ton.	75.00	-	100.00
kgs., small lots, works lb.	.04¾	-	.04¼
white, 99%, grd., kgs., works. lb.	1.40	-	1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works lb.	.16	-	—

B

Bakelite, BR, 254, dms., 30,000 lbs., works lb.	.48	-	—
15,000 lbs., works lb.	.49	-	—
5,000 lbs., works lb.	.50	-	—
802, dms., 30,000 lbs., works lb.	.26	-	—
15,000 lbs., works lb.	.26½	-	—
5,000 lbs., works lb.	.27	-	—
1329, dms., 30,000 lbs., works. lb.	.32	-	—
15,000 lbs., works lb.	.33	-	—
5,000 lbs., works lb.	.34	-	—
2072, dms., 30,000 lbs., works. lb.	.23	-	—
15,000 lbs., works lb.	.23½	-	—
5,000 lbs., works lb.	.24	-	—
2963, dms., 30,000 lbs., works. lb.	.24	-	—
15,000 lbs., works lb.	.24½	-	—
5,000 lbs., works lb.	.25	-	—
3360, dms., 30,000 lbs., works. lb.	.45	-	—
15,000 lbs., works lb.	.46	-	—
5,000 lbs., works lb.	.47	-	—
4036, dms., 30,000 lbs., works. lb.	.40	-	—
15,000 lbs., works lb.	.41	-	—
5,000 lbs., works lb.	.42	-	—
6717, dms., 30,000 lbs., works. lb.	.28	-	—
15,000 lbs., works lb.	.29	-	—
5,000 lbs., works lb.	.30	-	—
6769, dms., 30,000 lbs., works. lb.	.33	-	—
15,000 lbs., works lb.	.34	-	—
5,000 lbs., works lb.	.35	-	—
6882, dms., 30,000 lbs., works. lb.	.44	-	—
15,000 lbs., works lb.	.45	-	—
5,000 lbs., works lb.	.46	-	—
XJ, 2981, dms., 30,000 lbs., works lb.	.21½	-	—
15,000 lbs., works lb.	.22	-	—
5,000 lbs., works lb.	.22½	-	—
Bakelite, XR, 2175, dms., 30,000 lbs., works lb.	.23	-	—
15,000 lbs., dms., works lb.	.23½	-	—
5,000 lbs., dms., works lb.	.24	-	—
2987, dms., 30,000 lbs., works. lb.	.32	-	—
15,000 lbs., works lb.	.33	-	—
5,000 lbs., works lb.	.34	-	—
3180, dms., 30,000 lbs., works. lb.	.39	-	—
15,000 lbs., works ? lb.	.40	-	—
5,000 lbs., works lb.	.41	-	—
Beckacite, 1100, dms., c.l., dlvd. lb.	.15½	-	—
l.c.l., dlvd. lb.	.16½	-	.17½
1101, dms., c.l., dlvd. lb.	.14½	-	—
l.c.l., dlvd. lb.	.15½	-	.16½
1102, dms., c.l., dlvd. lb.	.13½	-	—
l.c.l., dlvd. lb.	.14½	-	.15½
1106, dms., c.l., dlvd. lb.	.13½	-	—
l.c.l., dlvd. lb.	.14½	-	.15½
1110, dms., c.l., dlvd. lb.	.12½	-	—
l.c.l., dlvd. lb.	.13½	-	.14½
1111, dms., c.l., dlvd. lb.	.12½	-	—
l.c.l., dlvd. lb.	.13½	-	.14½
1112, dms., c.l., dlvd. lb.	.15½	-	—
l.c.l., dlvd. lb.	.16½	-	.17½
1113, dms., c.l., dlvd. lb.	.11½	-	—
l.c.l., dlvd. lb.	.12½	-	.13¼
1114, dms., c.l., dlvd. lb.	.10½	-	—
l.c.l., dlvd. lb.	.11½	-	.12½
Super, 1001, bbls., c.l., dlvd. lb.	.40½	-	—
l.c.l., dlvd. lb.	.41½	-	.42½
1003, bbls., c.l., dlvd. lb.	.30½	-	—
l.c.l., dlvd. lb.	.31½	-	.32½
2000, bbls., c.l., dlvd. lb.	.30½	-	—
l.c.l., dlvd. lb.	.31½	-	.32½
2050, bbls., c.l., dlvd. lb.	.23½	-	—
l.c.l., dlvd. lb.	.24½	-	.25½
Beckolin, dark, bbls., c.l., dlvd. lb.	.10½	-	—
l.c.l., dlvd. lb.	.11½	-	.12½
light, bbls., c.l., dlvd. lb.	.13½	-	—
l.c.l., dlvd. lb.	.14½	-	.15½
Beckopol, 1400, dms., c.l., dlvd. lb.	.21½	-	—
l.c.l., dlvd. lb.	.22½	-	.23½
Beckosol, solid, 1, dms., c.l., dlvd. lb.	.24½	-	—
l.c.l., dlvd. lb.	.25	-	.25½
3, dms., c.l., dlvd. lb.	.23½	-	—
l.c.l., dlvd. lb.	.24	-	.24½
7, dms., c.l., dlvd. lb.	.25½	-	—
l.c.l., dlvd. lb.	.26	-	.26½
13, dms., c.l., dlvd. lb.	.25½	-	—
l.c.l., dlvd. lb.	.26	-	.26½
15, dms., c.l., dlvd. lb.	.18½	-	—
l.c.l., dlvd. lb.	.19	-	.19½
19, dms., c.l., dlvd. lb.	.23½	-	—
l.c.l., dlvd. lb.	.24	-	.24½
31, dms., c.l., dlvd. lb.	.25½	-	—
l.c.l., dlvd. lb.	.26	-	.26½
solution, 1, dms., c.l., dlvd. lb.	.14½	-	—
l.c.l., dlvd. lb.	.15	-	.15½
2, dms., c.l., dlvd. lb.	.13½	-	—
l.c.l., dlvd. lb.	.14	-	.14½
1303, dms., c.l., dlvd. lb.	.13½	-	—
l.c.l., dlvd. lb.	.14	-	.14½
1307, dms., c.l., dlvd. lb.	.15½	-	—
l.c.l., dlvd. lb.	.16	-	.16½
1308, dms., c.l., dlvd. lb.	.14½	-	—
l.c.l., dlvd. lb.	.15	-	.15½
1313, dms., c.l., dlvd. lb.	.14½	-	—
l.c.l., dlvd. lb.	.15	-	.15½
1316, dms., c.l., dlvd. lb.	.15½	-	—
l.c.l., dlvd. lb.	.16	-	.16½
1318, dms., c.l., dlvd. lb.	.19½	-	—
l.c.l., dlvd. lb.	.20	-	.20½
1319, dms., c.l., dlvd. lb.	.16½	-	—
l.c.l., dlvd. lb.	.17	-	.17½
1320, dms., c.l., dlvd. lb.	.14½	-	—
l.c.l., dlvd. lb.	.15	-	.15½
1323, dms., c.l., dlvd. lb.	.16½	-	—
l.c.l., dlvd. lb.	.17	-	.17½
1324, dms., c.l., dlvd. lb.	.27½	-	—
l.c.l., dlvd. lb.	.28	-	.28½
1325, dms., c.l., dlvd. lb.	.12½	-	—
l.c.l., dlvd. lb.	.13	-	.13½
1326, dms., c.l., dlvd. lb.	.14½	-	—
l.c.l., dlvd. lb.	.15	-	.15½
1328, dms., c.l., dlvd. lb.	.12½	-	—
l.c.l., dlvd. lb.	.13	-	.13½
1329, dms., c.l., dlvd. lb.	.11½	-	—
l.c.l., dlvd. lb.	.12	-	.12½
1331, dms., c.l., dlvd. lb.	.13½	-	—
l.c.l., dlvd. lb.	.14	-	.14½
Bronze gum, 1, dms., works lb.	.11	-	—
3, dms., works lb.	.09	-	—

C

Cumar, AX, dms., works lb.	.05	-	.06
BX, dms., works lb.	.05	-	.06
CX, dms., gross weight, works. lb.	.03	-	.04
DX, dms., gross weight, works. lb.	.03	-	.04
EX, dms., gross weight, works. lb.	.03	-	.04
FX, dms., gross weight, works. lb.	.03½	-	.04½
MH, col. ½, dms., works lb.	.09¾	-	.10¾
1, dms., works lb.	.09	-	.10
1½-2, dms., works lb.	.08¼	-	.09¼
2½ and darker, dms., works. lb.	.07½	-	.08½
MS, dms., works lb.	.08	-	.09
P, 10°-90° C., above col. 3, dms., works lb.	.08½	-	.09½
RH, dms., works lb.	.08	-	.09
RS, dms., works lb.	.08	-	.09
special soft, dms., works lb.	.06	-	.09
V, col. ½, dms., work lb.	.09¾	-	.10¾
1, dms., works lb.	.09	-	.10
1½-2, dms., works lb.	.08¼	-	.09¼
2½ and darker, dms., works. lb.	.07¼	-	.08½
W, col. ½, dms., works lb.	.10¾	-	.11¾
1, dms., works lb.	.10	-	.11
1½-2, dms., works lb.	.09¼	-	.10¼
2½ and darker, dms., works. lb.	.08½	-	.09½

Cumar prices include frt. equald.; prices at left are for 6-mos. firm contracts for 50,000 lbs. or more; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. firm contracts less than 25,000 lbs., add ¾c.; prices at right are on open order.

D

Durez, 210, dms., c.l., works lb.	.15	-	—
l.c.l., works lb.	.15½	-	.16½
500, pale, dms., c.l., works lb.	.35	-	—
l.c.l., works lb.	.38	-	.38
525, dark, dms., c.l., works lb.	.25	-	—
l.c.l., works lb.	.26	-	.28
550, very pale, dms., c.l., works. lb.	.45	-	—
l.c.l., works lb.	.46	-	.48

Durez prices, ex whse. Pac. cst., are 2c. higher.

Durite, 1.301, dms., 1 ton, frt. alld. lb.	.30	-	—
smaller lots, frt. alld. lb.	.35	-	—

F

Flat gum, 1, dms., works lb.	.14½	-	—

G

Guai-a-phene, 10-gal. cns., works gal.	2.57	-	—
5-gal. cns., works gal.	2.62	-	—
1-gal. cns., works gal.	2.62	-	—
dms., works gal.	2.50	-	—

H

Hercolyn, dms. (nonreturnable), works lb.	.22	-	—

I

Imperial gum, BK, dms., 75,000 lbs., contr. or c.l., dlvd. lb.	.07¾	-	—
3,000 lbs., dlvd. lb.	.08	-	—
smaller lots, dlvd. lb.	.08¼	-	—
X, pale, or hard, pale, dms., 75,000 lbs., contr. or c.l., dlvd. lb.	.07¾	-	—
3,000 lbs., dlvd. lb.	.08	-	—
smaller lots, dlvd. lb.	.08¼	-	—
8, SH, SL, dms., 75,000 lbs., contr. or c.l., dlvd. lb.	.07¾	-	—
3,000 lbs., dlvd. lb.	.08	-	—
smaller lots, dlvd. lb.	.08¼	-	—
18-20, dms., 75,000 lbs., contr. or c.l., dlvd. lb.	.07¾	-	—
3,000 lbs., dlvd. lb.	.08	-	—
smaller lots, dlvd. lb.	.08¼	-	—
45, dms., 75,000 lbs., contr. or c.l., dlvd. lb.	.07¾	-	—
3,000 lbs., dlvd. lb.	.08	-	—
smaller lots, dlvd. lb.	.08¼	-	—
100, dms., 75,000 lbs., contr. or c.l., dlvd. lb.	.07	-	—
3,000 lbs., dlvd. lb.	.07¼	-	—
smaller lots, dlvd. lb.	.07½	-	—

J

Jozite (less Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, blue, or red label, bgs., c.l., dlvd. lb.	.06	-	—
l.c.l., dlvd. E. of Rockies lb.	.05¼	-	—
Pac. cst., ex whse. lb.	.05¼	-	—
bbls., c.l., dlvd. lb.	.05¼	-	—
l.c.l., dlvd. E. of Rockies lb.	.05½	-	—
Pac. cst., ex whse. lb.	.05½	-	—
Kopol, 500, dms., c.l. (min. 36,000 lbs.), dlvd. lb.	.12½	-	—
l.c.l., dlvd. lb.	.13½	-	.14½
501, dms., c.l. (min. 36,000 lbs.), dlvd. lb.	.10½	-	—
l.c.l., dlvd. lb.	.11½	-	.12½
502, dms., c.l. (min. 36,000 lbs.), dlvd. lb.	.09½	-	—
l.c.l., dlvd. lb.	.10½	-	.11½

L

Lewisol, 1, dms., c.l., works lb.	.13¼	-	—
l.c.l., works lb.	.13½	-	.14
2, dms., c.l., works lb.	.15¼	-	—
l.c.l., works lb.	.15½	-	.16
3, dms., c.l., works lb.	.20¼	-	—
l.c.l., works lb.	.20½	-	.21
18, dms., c.l., works lb.	.10¾	-	—
l.c.l., works lb.	.11	-	.11½
115, dms., c.l., works lb.	.11¼	-	—
l.c.l., works lb.	.11½	-	.12
120, dms., c.l., works lb.	.13¼	-	—
l.c.l., works lb.	.13½	-	.14
125, dms., c.l., works lb.	.11¼	-	—
l.c.l., works lb.	.11½	-	.12
150, dms., c.l., works lb.	.17¼	-	—
l.c.l., works lb.	.17½	-	.18
Locto, 545, bbls, works lb.	.43	-	.45
2102, bbls., works lb.	.28	-	.30

N

Nevillac, dms., works lb.	.14	-	.15

Nevillac prices include frt. equald.; prices left are for 6-mos. firm contracts for 50,000 lbs. or over; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. contracts, less than 25,000 lbs., add ¾c.; prices at right are on open order.

Neville resin, R-3, nevindene, col. 1, dms., works lb.	.10	-	.11
R-5, nevindene, col. 1½-2, dms., works lb.	.09¼	-	.10¼
R-6, nevindene, col. 2½ and darker, dms., works lb.	.08½	-	.09½
R-7, N.P.S., col. below 3, dms., works lb.	.10	-	.11
R-8, N.P.S., col. below 3, dms., works lb.	.10½	-	.11½
R-10, hard, col. 1, dms., works lb.	.09	-	.10
R-11, hard, col. 1½-2, dms., works lb.	.08¼	-	.09¼
R-12, hard, col. 2½ and darker, dms., works lb.	.07½	-	.08½

Zinc Oxide—Varcum

Neville resin, R-14, medium, col. 1, dms., works lb.	.09	-	.10
R-15, medium, col. 1½-2, dms., works lb.	.08¼	-	.09¼
R-16, medium, col. 2½ and darker, dms., works lb.	.07½	-	.08½
R-17, medium soft, col. 3½-8, dms., works lb.	.08	-	.09
R-19, medium soft, col. 3½-8, dms., works lb.	.08	-	.09
R-21, soft, col. 3½-8, dms., works lb.	.08	-	.09
R-22, special, soft, col. 3½-8, dms., works lb.	.08	-	.09
R-28, medium soft, col. 1½-2, dms., works lb.	.09¼	-	.10¼
R-29, medium soft, col. 2½ and darker, dms., works lb.	.08¼	-	.09¼
R-41, phenester, col. 3½-5, dms., works lb.	.15	-	.16

Neville resin prices are on same basis as those for Nevillac.

Nuodex drier, liquid, cobalt, 4%, dms., dlvd. lb.	.20¾	-	—
6%, dms., dlvd. lb.	.24½	-	.26½
lead, 16%, dms., dlvd. lb.	.12	-	.14
24%, dms., dlvd. lb.	.18	-	.19
manganese, 4%, dms., dlvd. lb.	.12	-	.13
8%, dms., dlvd. lb.	.14	-	.15
zinc, 8%, dms., dlvd. lb.	.17	-	.18
solid, cobalt, 12%, dms., dlvd. lb.	.46	-	—
lead, 40%, dms., dlvd. lb.	.26	-	—
manganese, 11%, dms., dlvd. lb.	.25	-	—
zinc, 12%, dms., dlvd. lb.	.26	-	—

P

Pliolite, milled, dms., 1 ton, works lb.	.75	-	—
smaller lots, works lb.	.79	-	—
unmilled, dms., 1 ton, works lb.	.66	-	—
smaller lots, works lb.	.69	-	—

S

Soligen drier, liquid, cobalt 6%, dms., 10, works lb.	.23½	-	—
less than 10, works lb.	.25½	-	—
lead, 10%, dms., 10, works. lb.	.12	-	—
less than 10, works lb.	.14	-	—
25%, dms., 10, works lb.	.19	-	—
less than 10, works lb.	.21	-	—
manganese, 6%, dms., 10, works lb.	.14	-	—
less than 10, works lb.	.16	-	—
zinc, 7%, dms., 10, works lb.	.18	-	—
less than 10, works lb.	.20	-	—
solid, cobalt, dms., 10, works. lb.	.45	-	—
less than 10, works lb.	.47	-	—
solid, lead, dms., 10, works lb.	.24	-	—
less than 10, works lb.	.26	-	—
lead-cobalt, dms., 10, works, lb.	.29	-	—
less than 10, works lb.	.31	-	—
lead-cobalt-manganese, dms., 10, works lb.	.30	-	—
less than 10, works lb.	.32	-	—
lead-manganese, dms., 10, works lb.	.24	-	—
less than 10, works lb.	.26	-	—
manganese, dms., 10, works. lb.	.24	-	—
less than 10, works lb.	.26	-	—
Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs. ton.	35.00	-	—

V

Varcum, 250, dms., 25, works lb.	.42	-	—
less than 25, works lb.	.43	-	.44
250 F, dms., 25, works lb.	.44	-	—
less than 25, works lb.	.45	-	.46
365, dms., 25, works lb.	.25	-	—
less than 25, works lb.	.26	-	.27
700, dms., 25, works lb.	.30	-	—
less than 25, works lb.	.31	-	.32

Pfizer League Leaders Play Loeser's Sept. 9

The next baseball game of the Charles Pfizer & Co., league leaders, will take place September 9 with the aggregation representing Frederick Loeser & Co. The engagement is a critical one, as a win by the Pfizer club will give it a good chance of winning the pennant in section B of the Brooklyn Industrial League.

The boss twirler of the Pfizer nine is Charles Boss, who won a 10-to-5 game from the American Telephone & Telegraph team on September 1, allowing only four hits, Boss chalked up a no-hit, no-run game against Abraham & Straus, winning 6 to 0, and is the only pitcher in the league with that achievement. His pitching has been backed up by top-notch playing and teamwork, and is in no small way responsible for the fact that Pfizer leads the league.

The standing of the clubs is as follows:—

	W.	L.	Pct.
Chas. Pfizer	13	4	.764
Martinson Coffee	12	4	.750
NYC Housing	11	5	.687
A. T. & T.	11	5	.687
E. R. Squibb	11	6	.641
E. A. Wildermuth	9	9	.500
Fred. Loeser	6	7	.462
A. & S.	6	12	.333
A. Schrader	4	13	.241
Gibbs & Cox	0	18	.000

William Boss is captain of the Pfizer club, which is managed by F. L. Mead.

Detroit Drug-Cosmetic Golfers Will Play in Chicago Sept. 15

This year's golfing contest between the Allied Drug and Cosmetic Association of Michigan and the Chicago Drug and Chemical Association and the Chicago Perfumery, Soap and Extract Association has been scheduled for September 15. It will be staged at Olympia Field, Chicago.

The Detroit golfers, who captured the Fort Dearborn trophy from the Chicagoans last year, will leave home September 14 and stop over night at the Olympia Fields Club. They will stay in Chicago for a celebrating dinner after the tournament, and go home on a night train. The trip, everything essential included with the exception of the necessary stimulants, will cost each tourist $20.

Arrangements are being handled by the chairman of the entertainment committee, Charles Harvey, of the Hinde & Dauch Paper Company, 415 Brainard street, Detroit.

In the fourth preliminary tournament at the Lochmoor Golf and Country Club, with C. E. Jamieson, of C. E. Jamieson & Co., as host, the Detroiters, according to the official report, did not play a championship brand of golf.

At its meeting August 26 the Detroit association enrolled the following eleven new members:—L. H. Carlson, Fairmount Glass Works, R. W. Greeff & Co., the J. F. Hartz Company, Ralph C. Jennings, Mallinckrodt Chemical Works, E. K. Maskell, Peek & Velsor, J. V. Poulsan, Solvay Sales Corporation, the West Company.

Titanium Co. to Offer New Titanium Pigment

Titanium Pigment Company, this city, will offer within a short time an improved composite titanium pigment, designated as "Titanox B-30," a titanium barium pigment. The composition of the new pigment will be 30 percent titanium dioxide precipitated upon blanc fixe. Aside from the fact that the titanium dioxide content has been increased from 25 percent to 30 percent, "Titanox B-30" is similar to "Titanox B," the titanium barium pigment which has become an established pigment for use in exterior paints and enamels. It is claimed that the higher titanium dioxide content will show advantage in increased tinting strength and hiding power. Samples will be furnished by the company on request.

Ivan Bolev, chairman of the Board of the Amtorg Trading Company, this city, returned to this country on August 31, arriving on the steamship Normandie. Mr. Bolev had been to Moscow for conference with the Soviet authorities.

Oil, Paint & Drug Reporter

Founded October 18, 1871, by
William O. Allison

Published every Monday by Oil, Paint and Drug Reporter, Inc. Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 12 Gold Street, New York, New York. Telephone JOhn 4-2357. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possession and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1936, by
Oil, Paint and Drug Reporter, Inc.

Vol. 130 September 7, 1936 No. 10

In Profits Is Security

Reports reaching the office of the REPORTER every day bring clear and substantial evidence that business is of goodly volume and satisfactory profit in the chemical, oil, and drug industries as a whole. The daily newspapers are filled continuously with unmistakable indications that the state of business is more soundly, if not always so voluminously, prosperous than it ever had been.

There are exceptions, it is true, in respect of the satisfactoriness of current profits. Widely in a few lines and here and there in others, still remains some of the type of competition that knows no basis except that of price. Unfortunately for all concerned, and especially for those who indulge in it, this type of competition also does not know the basis of price.

There is no valid reason why profitless prosperity should prevail today. There is no valid reason why anybody should be selling goods at a loss. Of course there is a reason why some are doing so, and there is a reason why others believe that they must do likewise. That reason lies in the survival of the discredited policy that places volume of sales (not volume of business, because selling at a loss is not in the category of businesslike practices) as its first objective. It is inevitable that this soon will become the sole objective as it was a relatively few years ago. The consequences will be exactly the same as those from which but recently business has had a chance to escape

Thoughtful, farseeing business concerns will be wise in direct proportion to the extent to which they allow somebody else to hold the bag of profitless selling. Operating costs cannot be reduced in these days by the cheese-paring practices of a decade ago. Labor is going to get its hire. Financing losses is more difficult than it was when water, blue sky, and hot air could be peddled in every city, village, and hamlet as security. "Security" has a far different connotation in the economic community today. For the business concern its best assurance is never a sale without a profit. The destructiveness of economic folly should be restricted to those who invite it.

Money Is Being Spent

Every business barometer got under the weather's control this year and behaved as a barometer should behave in a dry spell. Business ran well in accordance with a thermometer's behavior in the heated period. In almost every commentary on business, "contraseasonal trend" became a very popular term; furthermore, it was quite aptly applied.

Employment in distribution kept up during the hot weather; it even increased in the wholesale division. Production of electricity for public use made a new high record in July with a contraseasonal increase of 2.2 percent from the preceding month. Then it went right on making bigger and bigger records during August. Of course the growth of mechanical refrigeration had much to do with this contraseasonal trend. But, that growth necessarily depended on a bigger spending of money. And a bigger spending of money is the best evidence of increasing prosperity.

This evidence has been plentiful on every hand. Vacationing folk—and their thousands were many more than in the preceding year—found it more difficult this Summer to find quiet places. Secluded spots, filled with the attractions of undisturbing naturalness, were filled this year also with the sounds of crowds having a good time.

In the far-away places, last Summer, only a few visitors sat about, loafing off the uncertainty and the striving of vocational endeavors, wearing scuffed clothing or "YBL" attire, enjoying, at most, a respite from the cares of seeking a livelihood. There was a difference in those places this year. The few had become many. Their attire was of the newest and permitted frequent redecking. The plaintive creaking of oarlocks on nearly seaworthy boats was gone, and in its place everywhere was the sputter of outboard motors and more pretentious propellants. Tackle boxes held a large assortment of unscarred lures. Tennis balls were white, and so were the smaller spheres of the golf links. There was evidence on all sides that the buying capacity of the people had been substantially increased.

This evidence is in every town. It will be in every town, and it will become more noticeable as the year wanes. Holiday business this year will be of boom dimensions. Everyday buying will continue to expand. There is money about, and it is being used for the prime purpose for which this medium was created.

—O-P-D—

Efficiency—What Is It?

If there is any foundation in fact for the declaration by big buyers that the Robinson-Patman amendment to the Clayton act will be more harmful than beneficial to the small buyer, it must be concluded that the vaunted efficiency that has been claimed as the reason why selected goods could be sold at what was said to be a loss, was quite different from the popular conception of the meaning of the term.

It is alleged by those who apparently seek to weaken the morale of the believers in the Patman act that proper accounting will show that the big buyer, getting his goods at much less than the small buyer had to pay, carried the cost of the small business for the manufacturer. This may be true in some instances; but, true or otherwise, the Patman act does not require a manufacturer to raise his prices to the customer who was paying the higher rate. The act does require that no lower rate be less than the figure calculable on the basis of actual saving of cost in the transaction.

If the big buyer has been carrying the cost of selling to the small buyer, the former can get a still lower rate under the Patman act. Why then should he be so greatly concerned about the effects of the act? It is inconceivable that his concern is that the small-buying competitor should be enabled to maintain his existence.

An absurd part of the argument that the Patman act will damage the small buyer is the statement that a big buyer may find reason to charge that he is being discriminated against in favor of the small buyer. Unfortunately for this type of analysis and interpretation, the law does not require anybody to make a profit on every sale.

The most absurd declaration in the argument is that the small buyer, because he was being served by the seller at less than cost, was able to injure the big buyer in competition. It must be kept in mind that the small buyer pays more for the goods with which he will injure his big-buying competitor. Figure that out!

It might be possible for a dealer to undersell a competitor who got goods at a lower price. Efficiency would be the answer. But, when the big-buying group, which has always claimed that its efficiency enabled it to undersell competitors (who paid a higher price), says that the higher-cost competition may become injurious, what becomes of the vaunted efficiency?

Comment on the Patman act from those who do not relish its purpose has been full of absurdities and worse. The reason? Well, the counsel for the Proprietary Association says:—

> Much of the difficulty about the act has really been the difficulty of finding loopholes in it or ways to persist safely in continuing the effect of present practices.

Fitting the law to a practice has been a common business endeavor. The Patman act will be found quite difficult to adapt to many things that have masqueraded as efficiency.

—O-P-D—

Definitions Alter Cases

It is a simple matter to construct a law directed to a stated purpose. It is not a simple matter—in fact and in practice it is frequently impossible—to make a direct hit with any law. The same is true with respect to statements of principles. In both cases the difference between endeavor and results arises from the difficulty, sometimes the reluctance, to say what is meant.

Definitions always alter cases; because individual interpretations of even the simplest terms are based on desires, rather than on general acceptance. Stating a principle with respect to the relation of government to business, the Chamber of Commerce of the United States says:—

> The relation of government to industry and commerce is primarily that of preserving equal treatment for all, assuring to every one adequate protection in the development of individual initiative and enterprise. Adherence to this policy implies that there be placed on each individual, whatever his functions in the community, only that degree of restraint that will prevent his encroachment on the rights of others.

With the principle thus broadly stated there can be no quarrel even by radicals. But, what a difference of definition the statement allows! What is meant by "equal treatment," by "adequate protection"? Neither of these is known of experience. Who is to say when "initiative and enterprise" encroach upon "the rights of others"? That is exactly what all the social reform is about.

ALL SIGNS POINT TO . . . .

FLAG BRAND
WHITE OILS

Genuine Imported Russian Origin

Strictly U.S.P. quality

Made by old and well-known European refiners

Quality and origin fully guaranteed by our suppliers

Stock carried in New York and other cities

Prompt direct shipments to all American ports and inland points

All U.S.P. grades: Seven different viscosities and gravities

Also Technical White Oils for industrial purposes

"CAUTION" : If your trade is built up on "Genuine Imported Russian Mineral Oil", oils sold as "Russian Type" will not satisfy you.

According to the Food and Drug Administration the use of the term "Russian" in connection with mineral oils coming from elsewhere than Russia, would be misleading and therefore violative of the Federal Food and Drugs Act.

Insist on the *"GENUINE IMPORTED RUSSIAN OILS."*

S. SCHWABACHER & CO., Inc.

Importers of Russian Mineral Oils

25 Beaver Street

NEW YORK, N. Y.

QUALITY... *Grasselli*

ZINC DUST

FOR ALL PURPOSES

If your requirements are exacting as to purity, uniformity and fineness, try GRASSELLI ZINC DUST. You will find it the highest available zinc consistent with the fineness specified.

Furnished in Double A grade—also Triple A grade (for Cyaniding). Prompt shipment. Let us quote you.

OTHER GRASSELLI ZINC PRODUCTS

Sherardizing Zinc — Zinc Anodes
Fine Zinc — Brass Special Zinc
Mossy Zinc — Intermediate Zinc
Prime Western Zinc

BRIGHT ZINC
An Electroplating Process

THE GRASSELLI CHEMICAL COMPANY
Founded 1839 INCORPORATED CLEVELAND, OHIO

GRASSELLI — New York and Export Offices: 350 Fifth Avenue — DU PONT

BRANCHES AND WAREHOUSES:
Albany, Birmingham, Boston, Charlotte, Cincinnati, Chicago, Detroit, Milwaukee, New Haven, New Orleans, Philadelphia, Pittsburgh, St. Louis, St. Paul
San Francisco—584 Mission Street Los Angeles—2260 E. 15th Street
Represented in Canada by CANADIAN INDUSTRIES, LTD., General Chemicals Division—Montreal and Toronto

GRASSELLI GRADE
A standard held high for 97 years

McGovern Assails Bans on Alcohol

(Continued from page 5)

tion of any law of such State," but, as above indicated, this act was only intended to give the States jurisdiction of liquors moving in interstate commerce and conferred no power on the government to enforce it. The Reed amendment made it a Federal offense for any person to transport liquor into a State, the laws of which prohibited "the manufacture or sale therein of intoxicating liquors for beverage purposes," but this act has now been repealed.

The "intoxicating liquor" covered by the Federal act is confined to liquor "containing more than 4 percentum of alcohol by volume." The provision in the second paragraph of section 3, that the definition of intoxicating liquor contained in the laws of the State shall be applied, is applicable "only to the extent that sales of such intoxicating liquor (as defined by the laws of the State) are prohibited in such State." If, therefore, a State defines or regards a liquor containing 4 percentum or less of alcohol as nonintoxicating, it is doubtful that such liquor would be protected under the Federal enforcement act. The definitions of "intoxicating liquor," as prescribed by the laws of the various States, differ widely and, in many instances, exceptions are allowed based on the use thereof.

Many Problems Exist

Many other interesting and perplexing questions arise under the amendment and the present enforcement act. What is the effect of the amendment and the act on importation of liquors into a State from foreign countries? If the interpretation and enforcement of the Federal act is to depend on the construction of the definitions and permits prescribed by the State laws, what judicial tribunal will determine the questions arising thereunder? If a State permit or license must "accompany" each shipment or importation of intoxicating liquors into the States, what authority will prescribe the procedure to be followed? Can it be possible that interstate commerce in intoxicating liquors is to be subjected to the confusion which, it would seem, will result if the conflicting methods of enforcement adopted by the various States are to control?

These and other suggestions are prompted by a study of the Federal statute and the enforcement control laws of the various States, but time or space will not permit of further elaboration.

Under section 5 of the act, the Secretary of the Treasury is required to enforce the provisions of the enforcement act and to confer upon the Commissioner of Internal Revenue and his assistants, agents, and employees, etc., any of the rights, privileges, powers, and duties imposed upon him by the act. The Commissioner of Internal Revenue is authorized, with the approval of the secretary, to prescribe regulations to carry out the provisions of the act. It is possible that the secretary and the commissioner may, by regulations and otherwise, perfect a plan whereby the uncertainties and complications of the act may be ironed out and, in co-operation with State officials, adjust the operation of the Federal act with the operations of the various State laws, to the end that the "protection" intended by the Federal act may be given to the States.

Status of Industrial Alcohol

What is the situation and status of industrial alcohol under these new conditions? Needless to say, the situation is one which should give apprehension and concern. The States have generally extended generous recognition and consideration to the uses of alcohol for nonbeverage purposes, and it is believed that they will cooperate fully in protecting and insuring the free, uninterrupted, and unrestricted shipment of alcohol into their jurisdiction to the end that the use of alcohol as a chemical raw material and for all other lawful purposes within their borders may be unmolested and preserved.

The provision in the federal enforcement act (section 3) defining "intoxicating liquors" as "containing more than 4 percentum of alcohol" would indicate that the "intoxicating liquor" contemplated by such act is one which contains alcohol rather than the alcohol itself. However, the definition in the laws of each State is to be applied, but then only to the extent that sales of such liquor are prohibited. In States where alcohol is included within the definition of intoxicating liquor, the sales of alcohol, as such, for industrial purposes, are not prohibited. In several States alcohol is either not included in such definition or it is excepted therefrom when used for industrial or nonbeverage purposes.

Regardless of any technical refuges afforded by the laws of the States, alcohol, of necessity, constitutes one of the most essential and important commodities moving in interstate commerce. It is thought that a system might be devised whereby the Federal government could exercise control over the shipment of alcohol in interstate commerce which would insure delivery or use in conformity with the laws of the States without delegating to the States any responsibility in regard thereto. If a Federal permit system could be devised insuring consignments to persons using alcohol for industrial or nonbeverage purposes in the several States, the unifor-

(Continued on page 50)

Heavy Chemicals

General Demand Slower—Feldspar Continues Active—Good Call for Anhydrous Ammonia—Antimony Metal Fractionally Higher —Fluorspar Strong—Chlorine Firm—Insecticides Dull

The market for the industrial chemicals was a pace slower during the week just ended. The market developed a slower demand as a result of the pre-holiday influence. However, the volume of business on the books for shipment after the Labor Day holiday was said to have reached proportions greater than that noted on hand in some few years past. As a result of this encouraging amount of business scheduled for delivery during the current month, the market developed a steadier price tone. The lone change was a fractional advance in antimony metal.

With the approach of Autumn, it was generally agreed in the trade that this summer has been the most active experienced since 1929, from a demand standpoint, with the volume moved having reflected the contra-seasonal operations in number of industries consuming chemicals on a large scale. And the passing of the Robinson-Patnam legislation influenced the curtailment of a goodly portion of the severe price shading, with the result the chemical market is expected to enter the 1937 contract season, which gets under way actively next month, in a generally steady to firm price position. The possible exceptions to this are certain insecticides, the carryover of which are relatively heavy because of the drought. Tin salts reflected the fluctuations in the basic metal. Chlorine continued active. Alkalies were steady. Soda silicofluoride was firm. Bleaching powder was in good demand. Fluorspar was strong, due to the limited stocks on hand, for the steel industry was at a high level. Plating materials were irregular, as far as demand was concerned. Sulphuric acid was unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, ⅛c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—The market for the commercial article continued to experience a fairly active call during the period under review, with the prices displaying a decidedly firm tone. There was little to report in the call for the iron-free item, and quotations ruled steady to firm. Usual consumers supplied the call for the soda product.

Ammonia Aldehyde.—Quiet prevailed in this direction again last week, with the quotations holding steady.

Ammonia, Anhydrous.—An active demand was shown for this material again last week, with the seasonal influences playing a prominent part, and quotations were held firm.

Annomia Aqua.—While the market showed a tendency to drag, with the showed a tendency to drag, sellers reported the prices ruled steady to firm.

Ammonia Carbonate.—Routine consumers furnished the interest in this market, with the buyers ordering out against contracts a volume sufficient to cover nearby requirements, and prices ruled unaltered.

Ammonia Persulphate.—Conditions here showed little improvement, with small quantities making up the call, and prices ruled at the levels in force previously.

Ammoniac Sal.—Battery trade and other routine consumers were ordering out supplies in fair volume, with the prices for the gray and white materials showing a steady tone.

Ammonia Sulphocyanide.—Interest in this market continued to be concerned with quantities required to meet current requirements, and the quotations were held in line with the values in force previously.

Antimony.—A slight advance was shown in the price for domestic antimony as compared with the price at the close of the previous period, with the quotations of 11⅝c. per pound listed. Demand was rather dull.

Antimony Oxide.—This market continued to enjoy a good demand from the ceramic industry, with the prices holding firm. And the call for the needle product revealed little betterment, with the usual buyers ordering out conservative quantities, and the prices ruled unchanged.

Arsenic—A good inquiry was noted at times during the week for the white material, with the prices holding firm. The annual output of white arsenic in Belgium, which is obtained as a by-product of zinc smelting operations, is estimated at about 3,500 metric tons, a substantial share of which enters foreign trade. Total exports ranged from 2,579 tons in 1933; 3,555 tons in 1934, and 3,093 tons in 1935. Of the latter, United States took 248 tons; United Kingdom, 1,108 tons; Italy, 310 tons; Argentina, 297 tons, and South Africa, 488 tons, according to the commercial attache at Brussels.

Barium Salts.—Demand for the nitrate and hydrate continued fairly good, with a firm tone in evidence. And the call for the chloride material was hightly irregular, but no change was disclosed in the quotations. There was little report in the market for the carbonate, with the quotations holding steady to firm.

Bleaching Powder.—A good volume of business was noted in this market again last week, with the shipments moving against contracts in consistent fashion, and prices were regarded as decidedly firm. Producers were reported to have a good volume of business on the books for shipment during the balance of September.

Blue Vitriol.—Shipments were moving out to consumers in moderate volume, but the relative quiet in the market at times during the week failed to have an influence on the market from a price standpoint, for the prices were firm by virtue of the firmness in the basic material.

Calcium Chloride.—There was nothing in the activities of the week of an outstanding nature with the dealings strictly routine, and prices were termed steady to firm.

Carbon Tetrachloride.—A sizable amount of business was transacted in this direction during the week, with the cleaning fluid companies and other routine consumers affording the demand, and prices were well maintained.

Chlorine.—This market continued to move along at a good clip, with the call in excess of the stocks on hand, and prices were decidedly firm. Producers were reported to have a substantial volume of business scheduled for delivery during the balance of September. Chlorine production in Japan in 1934 was estimated at 35,000 metric tons, compared with 32,834 tons in 1933.

Cobalt Oxide.—A firm tone ruled this market, with quotations holding unaltered.

Cobalt Sulphate.—A fair inquiry was noted for this material from the makers of driers, and prices ruled unchanged.

Copper.—Demand in the market for electrolytic copper was quiet during the initial week of the new month. Sales of copper in the local market for August were estimated at 26,000 tons. This would compare with a total of 175,000 tons in July. Imports of crude copper into Germany in the first half of the year amounted to 68,731 tons against 82,900 tons in the first six months of last year. Germany imported from the United States in that period 4,100 tons, compared with 10,394 tons in the same period a year ago. The shift in the German metal purchases

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

BARIUM CHLORIDE
BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

Potassium Carbonate
JUNGMANN & CO., Incorporated BArclay 7-5129 157 Chambers Street New York

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
Chemicals - Essential Oils - Synthetics - Bouquets
Talc - Clay - Waxes
219 East North Water Street Phone Superior 5940 Chicago, Ill.

SUPPLIERS OF Chemicals FOR 70 YEARS
LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & COMPANY
500 FIFTH AVENUE, NEW YORK
38 EXCHANGE PL. PROVIDENCE
40TH ST. & CALUMET AVE. CHICAGO

CHEMICALS AND ALLIED PRODUCTS
EASTERN BUYERS, and also EASTERN SELLERS, should consider the advantages offered both in service and freight savings, available through our organization.
Warehouses and sales offices for Chemical and Allied Products located:
Kansas City, Missouri
St. Louis, Missouri
Des Moines, Iowa
Chicago, Illinois
Omaha, Nebraska
New Orleans, Louisiana
Memphis, Tennessee
Dallas, Texas
Houston, Texas
San Antonio, Texas
Tulsa, Oklahoma
Wichita, Kansas
Denver, Colorado
Minneapolis, Minnesota
Oklahoma City, Oklahoma
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY. MISSOURI

MANGANESE Sulphate ZINC Sulphate COPPER Sulphate
TENNESSEE
CORPORATION
ATLANTA, GA.-LOCKLAND, O.-IN FLORIDA, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

BLUE VITRIOL
IRVINGTON SMELTING & REFINING
IRVINGTON WORKS NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

SOLVAY PRODUCTS

SOLVAY

TRADE MARK REG. U.S. PAT. OFF.

SOLVAY is synonymous with Quality Products—Fair Price — Prompt Delivery — Dependable Packages.

Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

SOLVAY SALES CORPORATION

Alkalies and Chemical Products Manufactured by The Solvay Process Company

40 RECTOR STREET NEW YORK

Branch Sales Offices:

Boston, Charlotte, Chicago, Cincinnati, Cleveland, Detroit, Houston, Indianapolis, Kansas City, New York, Philadelphia, Pittsburgh, St. Louis, Syracuse

---

MAGNESIUM FLUOSILICATE
CALCIUM FLUOSILICATE
ZINC FLUOSILICATE
FLUORINE PRODUCTS Division of Sterling Products Company Easton, Pa.

Have You a DRYING PROBLEM?

SOLIDS-LIQUIDS-GASES-SOLIDS-LIQUIDS-GASES-SOLIDS

DRIERITE

is Drying . . .

AIR	SULFUR DIOXIDE	ETHER
OXYGEN	METHYL CHLORIDE	ACETONE
HYDROGEN	ALCOHOLS	PYRIDINE
CARBON DIOXIDE	ESTERS	FORMIC ACID

Drierite is "The Versatile Desiccant" that may be the answer to your problem.

Consult

W. A. HAMMOND YELLOW SPRINGS, OHIO

CARBON BISULPHIDE

Stauffer

. . . . constantly dependable for half a century

BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE . CAUSTIC SODA . SULPHUR CHLORIDE SULPHUR : SILICON TETRACHLORIDE CREAM OF TARTAR SULPHURIC ACID : CARBON BISULPHIDE : TARTARIC ACID

STAUFFER CHEMICAL COMPANY

420 California St., San Francisco, Cal. • 2710 Graybar Bldg., New York, N. Y. • Freeport, Texas
Carbide and Carbon Bldg., Chicago, Ill. Rives-Strong Bldg., Los Angeles, Cal.

Stauffer

SOUTHERN ALKALI

MARCHES ON WITH TEXAS!

Two years ago this month a new alkali products industry pioneered in the vast Southwest territory. September 1934 saw—after three years of thorough planning—the completion of the great manufacturing plant of SOUTHERN ALKALI—opened and smoothly functioning at Corpus Christi, Texas—on scheduled time.

This year Texas celebrates the one-hundredth anniversary of her founding—and a full century of stirring growth and vital progress—vital to herself, to the great Southwest, to America.

Today, after two years of ever increasing expansion and progress in ably serving the leading industries of the Southwest, SOUTHERN ALKALI salutes her greater brother pioneer. Texas and SOUTHERN ALKALI are marching on—together!

Highest Quality Products . . . Technical Service Department . . . Low Cost Transportation . . . Quick Deliveries . . .

SODA ASH ▪ CAUSTIC SODA ▪ LIQUID CAUSTIC ▪ MODIFIED SODAS ▪ CAUSTIC ASH

SOUTHERN ALKALI CORPORATION

30 Rockefeller Plaza, New York, N.Y. Corpus Christi, Texas
Santa Fe Terminal Bldg., Dallas, Texas

was reported to reflect the operations of the "New Plan" which provides for purchasing raw materials from those countries which show a tendency to increase their purchases of German goods, according to the Commerce Department.

Copperas.—A firm tone continued in prominence in this market during the period just ended, with the prices unchanged. Shipments continued to reflect the seasonal influence. Steel mill operations were lower at 71.5 percent of capacity, against 72.5 percent in the preceding period, according to the American Iron and Steel Institute.

Feldspar.—Ceramic industry continued to furnish a good demand here throughout the week, with a firm tone prominent.

Fluorspar.—There was an active inquiry noted in this direction, with the shipments moving out in volume sufficient to give the market a decidedly strong tone, and sellers reported a limited volume on hand. The situation regarding surplus stocks couid be attributed to the high levels of activity noted in the ceramic industry as well as the steel trade. The latter industry was operating at contra-seasonal levels.

Nickel Salt.—A good inquiry was noted for the single and double salts at intervals during the week, and a firm tone ruled the dealings. Automobile industry was operating at a low level, for some of the major producers were changing over to the 1937 models.

Potash Carbonate.—A favorable inquiry was reaching this market from the textile industry, and the prices ruled unchanged.

Potash Caustic.—Shipments were moving in consistent fashion to the chemical processors and other routine consumers, with sellers reporting the market a firm price position.

Potash Chlorate.—This market offered little change from recent weeks, with the match makers and other regular channels of consumption placing orders as needs reached an imperative stage, and prices were held unchanged.

Potash Titanium Oxalate.—While the market was a rather drab affair, sellers reported the presence of a steady to firm tone.

Saltcake.—A good inquiry was noted for this commodity at times during period under review, with the quotations holding unchanged. The call came principally from the paper and glass trades. Since 1921, when engineers from the Federal Department of Mines surveyed areas in Saskatchewan where they found sodium sulphate deposits estimated at more than 120 million tons, the Canadian industry has produced approximately 300,000 tons of salt cake valued at about $2,500,000, the report states. A total of 44,800 tons of salt cake, valued at $343,000, were produced in 1935 compared with 66,800 tons, valued at $588,000, in 1934. The decline in 1935 was attributed to several causes, chief among which was the large excess of production over requirements in 1934. During the current year with the demand increasing and with producers making every effort to improve the quality of their product, a substantial gain in output is anticipated, according to the report. Sodium sulphate is used extensively in the pulp and paper industry, particularly in the manufacture of kraft papers, also in glassmaking, dyeing, and textile industries. A large portion of the Canadian output is shipped to Copper Cliff, Ontario, where it is converted into niter cake for use in the metallurgical treatment of nickel copper matte. It is also used to some extent in medicine and in tanning, according to the American commercial attache at Ottawa.

Soda Ash.—Producers reported shipments were moving forward against contracts at a pace sufficient to assure the presence of a steady tone, and August turnover was said to have measured fairly well.

Soda Bicarbonate.—The market appeared in a steadier price position, with the shipments moving out in moderate volume to the major consumers as well as to the small miscellaneous consumers, for the inclination was noted to buy conservatively until after the Labor Day holiday.

Soda Caustic.—Demand here was fair throughout the week, with the prices holding unchanged. August business was said to have been very good, for domestic industries were operating at contra-seasonal levels.

Soda Cyanide.—Platers were withdrawing fair sized shipments during the week, with a firm tone governing the dealings.

Soda Silicate.—There was a fair buying movement in evidence in this market from the usual channels of consumption, and prices ruled unchanged.

Soda Silicofluoride.—A firm tone ruled again in this market last week, with the stocks on hand said to be limited, a factor promoting the presence of a firm tone. The laundry trade and other routine consumers supplied the interest.

Tin Salts.—Prices for the tin salt fluctuated with the range over which the basic metal price traveled during the week. Demand was highly irregular. London Central News cable reported the world supply of tin at the end of August, including carryovers, was virtually unchanged from beginning of the month, totaling 16,772 tons on hand, September 1, against 16,759 tons on hand, August 1. Visible supply of tin at the end of August amounted to 14,425 tons, against 13,795 tons at the end of the preceding month, an increase of 630 tons. Straits settlement carryover amounted to 1,597 tons, compared with 2,142 tons at the end of July, a drop of 545 tons, while Holland carryover of 750 tons at the end of August contrasted with 822 tons on hand at end of July, a drop of 72 tons. On July 1, visible supply amounted to 13,346 tons, straits settlement carryover, 1,673 tons, and Holland carryover 515 tons, a combined total of 15,536 tons.

Acids

The market for the various acids entering consumption in the industrial units reflected the inclination of buyers to purchase for actual production wants only and the hesitation to purchase on a broader scale until after the Labor Day holiday, at which time a better indication of the Autumn business trend was expected to be available. Sulphuric acid continued steady to firm, with the buying irregular. The call for formic acid was fair. Demand in the market for lactic acid was spotty. Muriatic and nitric acids were in favorable request at times during the week, but it was evident consumers were not purchasing beyond actual production requirements. Acetic acid was in fair request. Oxalic acid was firm.

Acetic.—There was a fair demand in this market again last week, with the prices holding steady.

Battery.—Business here quiet, but the price tone was firm. Orders came from the usual consumers.

Boric.—This market presented little change from recent weeks, with the contract shipment moving forward in good volume, and prices ruled unchanged.

Chromic.—This product was in fair demand during the week just closed, with the platers purchasing in conservative fashion, and the quotations were firm.

Formic.—The call here reflected the caution promoted by the near approach of the Labor Day holiday, but the volume turnover gave the market a firm appearance.

Lactic.—This situation noted a slightly slower demand during the week, with a firm tone in evidence.

Hydrofluoric.—Usual consumers showed little interest in material beyond that required for actual needs, and the prices ruled steady to firm.

Muriatic.—A firm tone continued in this market during the week just ended, with sellers reporting the inquiries were reaching the market at an irregular pace, and prices ruled in line with the quotations in effect previously.

Nitric.—A good demand was registered for this product again last week, with the call coming from certain industries operating at contra-seasonal levels, and prices were unchanged.

Oxalic.—This product enjoyed a fair demand, but it was quite evident the pace was slower when compared with the previous period, but no change was uncovered in the quotations.

Sulphuric.—A fairly active interest was shown for this product early in the week, but the near approach of the Labor Day holiday slowed down business toward the close of the period under review, and the prices remained steady to firm. Steel industry was operating at 71.5 percent of capacity, but the automobile industry was lower. Textile and tanning industry made a favorable impression for this season of the year. Production by fertilizer manufacturers in July amounted to 121,166 tons, against 122,681 tons in June. Total for the first seven months was 940,908 tons, against 924,872 tons in the same period a year ago. Consumption by reporting establishments in manufacture of fertilizer in July

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

CONSTANT
as the TIDES

Diamond Alkalies owe their being only to man's ingenuity. They are not, as the tides, a product of the immutable laws of the universe; but it has been our special pride to maintain their qualities of purity and uniformity as fixed and predictable from day to day as the tides themselves. Throughout industry there is no greater assurance of dependability in an Alkali than the Diamond Trademark.

DIAMOND ALKALI COMPANY
PITTSBURGH *and Everywhere*

Diamond Products
58% Soda Ash
Bicarbonate of Soda
76% Caustic Soda
Carbon Tetrachloride
Diamond Soda Crystals
Modified Soda
Special Alkalies
Liquid Chlorine

ALKALI

totaled 97,769 tons, against 95,168 tons in June. The total for seven months was placed at 752,505 tons, against 799,823 tons in the similar period a year ago. Stocks held by fertilizer manufacturers at the end of July amounted to 74,422 tons, against 77,207 tons on hand at the end of June, and 99,174 tons at the end of July a year ago.

BALTIMORE, Sept. 2.—The nominal figures for sulphuric acid are still at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. These prices, of course, undergo more or less modification, according to circumstances of buyers, but they constitute a fair guide to the market. Oleum is in much the same position, with the movement not of striking proportions, to be sure, but with producers asking $17 per ton for 20 percent stocks.

Insecticides

The market for the agricultural insecticides and fungicides was quiet last week. The dull character of the call could be attributed to the off-season influences. Prices, however, generally were steady to firm. An exception to this was the prices for lead arsenate, with the sellers reporting a barely steady tone in evidence, due in a large measure to the substantial carryover caused by the drought, resulting in a lessened demand. Calcium arsenate was firm. Temperatures for the week ranged from considerably above normal in the northern cotton belt to near normal in the south. There was substantial rainfall with some heavy amounts locally in the eastern and southern portions of the belt, but elsewhere the week was mostly rainless.

Calcium Arsenate.—A slow demand was shown for this material, but the prices were firm.

Lead Arsenate.—This market noted a barely steady tone, for the carryover was said to be fairly large.

Nicotine Sulphate.—Quiet prevailed in this direction again last week, but no change was uncovered in the quotations.

Obituaries

Albert J. Ferbert

Albert J. Ferbert, president of the Ferbert-Schorndorfer Company, paint manufacturer, Cleveland, O., died August 31 after several weeks' illness in his home in Lakewood, a suburb. He was fifty-five years old. Born in Cleveland, Mr. Ferbert became associated with the Sherwin-Williams Company, when he was eighteen years old. He later became general manager of the Ohio Varnish Company, and in 1921 organized his own company with S. C. Schorndorfer. An enthusiastic golfer, he was especially interested in the Westwood Country Club, and also was a member of the Pepper Pike Country Club, the Pine Valley Golf Club of Philadelphia, the Cleveland Athletic Club, the Chamber of Commerce, and the Rotary Club. He was active in civic and charitable affairs. He was a 32d degree Mason and a member of Al Koran Shrine and the Jesters besides other Masonic organizations in Cleveland.

Griffin Halstead

Griffin Halstead, vice-president of the Galena Oil Company, died September 1 in Holmes hospital, Cincinnati, after an illness of five months. He was fifty-four years old. Born in Cincinnati, Mr. Halstead was a son of the late Murat Halstead, publisher of the old Cincinnati Commercial. He spent most of his life in Washington, his business interests being associated with the oil industry. During the World War he was captain in the 133d Regiment and later in the 61st Field Artillery, and took part in the Meuse-Argonne offensive.

Fletcher S. Heath

Fletcher S. Heath, vice-president, director, and one of the founders of the Pure Oil Company, died August 30 in Christ hospital, Cincinnati, after two weeks' illness. He was seventy-two years old. Mr. Heath was a native of Muncie, Ind., and was well known in banking and petroleum circles. He was formerly president of the First National Bank, Oxford, O., vice-president of the Miami Valley Bank, Hamilton, and vice-president of the Seventh National Bank of this city. He established his residence in Oxford in 1883. He was a brother of the late Perry S. Heath, at one time Assistant Postmaster-General. Surviving are his wife, Mrs. Elizabeth McCullough Heath, and a sister.

George L. Leonhard

George L. Leonhard, president of the Theodor Leonhard Wax Company, Haledon, N. J., died August 19 at Bay Shore, Long Island. He was sixty-five years of age. Mr. Leonhard was born at Haledon. After finishing his formal education, as a young man he entered the employ of the Theodor Leonhard Wax Company, a concern founded by his father, Theodor Leonhard, in 1852. Eventually, he succeeded to the full direction of the company's affairs and also became president of the Patterson Parchment Paper Company, Bristol, Pa., of which his father also had been president. Funeral services were held August 22. Surviving are his wife, Mrs. Katherine Robinson Leonhard, two sons, R. Russell and J. Theodor, and a sister, Mrs. William F. Brunner.

(Continued on page 64)

Trisodium Phosphate

PHOTOGRAPH OF CRYSTALS (ACTUAL SIZE). NOTE UNIFORMITY

THE exceptional crystal-size uniformity for each of the grades is a characteristic of the General Chemical Company product. The chemical purity is an industry standard. To these reasons for preference add the Company's facilities for meeting delivery requirements and this becomes, inevitably, a prime source of supply.

T. S. P.—IN COARSE, MEDIUM, GRANULAR AND FINE CRYSTALS

Also: Sodium Metasilicate and a long list of Heavy Chemicals of Standard Purity.

GENERAL CHEMICAL COMPANY
40 RECTOR STREET, NEW YORK
(Cable Address—Lycurgus, N. Y.)

Sales Offices: ATLANTA, BALTIMORE, BOSTON, BUFFALO, CHARLOTTE, CHICAGO, CLEVELAND, DENVER, KANSAS CITY, LOS ANGELES, MINNEAPOLIS PHILADELPHIA, PITTSBURGH, PROVIDENCE, SAN FRANCISCO, ST. LOUIS. In Canada: THE NICHOLS CHEMICAL CO., LTD., MONTREAL, TORONTO

QUALITY UNIFORMITY SERVICE

T. S. P.
(TRI-SODIUM) PHOSPHATE

Brilliant white free-flowing crystals of highest purity . . . product of an exclusive process that effectively prevents caking.

VICTOR CHEMICAL WORKS
141 W JACKSON BLVD., CHICAGO ILL.

MECHLING'S
HEAVY CHEMICALS
AGRICULTURAL INSECTICIDES

Silicate of Soda
Hyposulphite of Soda
Sulphite of Soda
Bisulphite of Soda
Sal Soda

Spraying and Dusting Materials

Immediately available in any amount

◆

We will gladly advise you on particular problems

MECHLING BROS. CHEMICAL COMPANY
PHILADELPHIA CAMDEN, N. J. BOSTON, MASS.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-fifth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ammonium Cetylsulphate

Metallurgical

Ingredient (U.S. 1974436) of—
Flux for use in soft soldering, containing also zinc chloride and alcohol

Benzylmethyldodecylsulphonium Methosulphate

Textile

Mordant (Brit. 436592) in—
Dyeing natural or regenerated cellulose textile materials with chrome dyestuffs

Betamethylaminoalpha-parahydroxyphenyl-ethanol

Pharmaceutical

Claimed (Brit. 440968) as—
Less excitant in action than the bases from which it is derived

Betamethylaminoalpha-para-aminophenyl-propanol

Pharmaceutical

Claimed (Brit. 440968) as—
Less excitant in action than the bases from which it is derived

6-Chlor-9-para-amino-methylphenyl-2-methyl-thiolacridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

6-Chlor-9-para-amino-methylphenyl-2-methyl-thiolacridin Bromide

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

Dibutyl Selenide

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by mixing and reacting with organo-metallic compounds

2:5-Dimethoxyanilide

Dye

Starting point (Brit. 434209 and 434433) in making—
Yellowish-red water-insoluble dyestuffs by coupling (in substance or on the fiber) with meta-4-xylidin-6-sulphondiethylamide

2:4-Dimethoxyanilin-5-sulphonbenzylmethyl-amide

Dye

Coupling agent (Brit. 434209 and 434433) in making—
Water-insoluble bordeaux dyestuffs with 5-methoxyorthotoluidide

2:6-Dimethylolparacresol

Resins

Starting point (Brit. 434850) in making—
Synthetic resins with a phenol, which may be dihydric-dinuclear; the product may be modified with a vegetable oil or resin acids

Humic Acid

Petroleum

Viscosity decreaser (U.S. 1999766) of—
Fluid clay mud encountered in oil well drilling (used in conjunction with a small amount of caustic alkali)

Magnesium Glycyrrhizate

Pharmaceutical

Ingredient (U. S. 1976668) of—
Laxative (in admixture with epsom salt)
Laxative consisting of mixed glycyrrhizates and epsom salt

Mercaptobenzothiazole Dinitrophenylester

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by mixing and reacting with organo-metallic compounds

Meta-4-xylidin-6-sulphondiethylamide

Dye

Coupling agent (Brit. 434209 and 434433) in making—
Yellowish-red, water-insoluble dyestuffs with 2:5-dimethoxyanilide

Meta-4-xylidin-6-sulphon-benzylmethylamide

Dye

Coupling agent (Brit. 434209 and 434433) in making—
Water-insoluble bluish-red dyestuffs with 5-chlor-2:4-dimethoxyanilide

Phenyl-3-chloropara-anisidin 6-Sulphonate

Dye

Coupling agent (Brit. 434209 and 434433) in making—
Bordeaux red water-insoluble dyestuffs with 5-methoxyorthotoluidide

Phenyl-2:4-dichloroanilin 5-Sulphonate

Dye

Coupling agent (Brit. 434209 and 434433) in making—
Red, water-insoluble dyestuffs with 4-chloro-2:5-dimethoxyanilide

2-Phenyl-1-methylindole

Chemical

Starting point (Brit. 438278) in making—
1:2-Dimethylindole-3-aldehyde
6-Nitro-2-phenyl-1-methylindole-3-aldehyde
2-Phenyl-1-methylindole-3-aldehyde
1:3:3-Trimethyl-2-methyleneindoline-2-w-aldehyde

Sodium Stearylsulphate

Building and Construction

Emulsifying agent (Brit. 437674) in making—
Aqueous emulsions of asphalt and similar bituminous materials

Trichloro-tertiary-butyl Phthalate

Ceramics

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1946643) in—
Cellulose acetate

Cosmetic

Plasticizer (U.S. 1946643) in—
Nail enamels and lacquers containing cellulose acetate as a base material

Electrical

Plasticizer (U.S. 1946643) in—
Insulating compositions, containing cellulose acetate, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (U.S. 1946643) in—
Adhesive compositions containing cellulose acetate

Leather

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating metallic products

Miscellaneous

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating various products

Paint and Varnish

Plasticizer (U.S. 1946643) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate

Paper

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 1946643) in making—
Films from cellulose acetate

Plastics

Plasticizer (U.S. 1946643) in making—
Laminated fiber products
Molded products
Plastics from cellulose acetate

Resins

Plasticizer (U.S. 1946643) for—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for decorating and protecting rubber products

Stone

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of coated textile fabrics

Woodworking

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used as protective and decorative coatings on woodwork
Plastic compositions, containing cellulose acetate, used for many filling and repairing purposes on wood

Tetraethyl-Tin

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by reacting with oil-soluble organic compounds

Triethyl-Aluminum

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by reacting with oil-soluble organic compounds

Triethyl-Antimony

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases, by reacting with oil-soluble organic compounds

Triethyl-Lead Hydroxide

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases, by reacting with oil-soluble organic compounds

Triethyl-Lead Thiocyano-oleate

Oils, Fats, and Waxes

Addition agent (Brit. 440175) for—
Lubricating oils or greases used under high-pressure working conitions

Triethyl-Tin Oleate

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases, by reacting with oil-soluble organic compounds

Trimethyl-Antimony

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by reacting with oil-soluble organic compounds

Trimethylcetylammonium Bromide

Textile

Mordant (Brit. 436592) in—
Dyeing natural or regenerated cellulosic textile materials with chrome dyestuffs

Trimethyloctadecylammonium Bromide

Textile

Mordant (Brit. 436592) in—
Dyeing natural or regenerated cellulosic textile materials with chrome dyestuffs

Triphenyl-Bismuth

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by reacting with oil-soluble organic compounds

BARRETT CHEMICALS

Barrett
COAL-TAR
CHEMICALS

Barrett Chemicals are the result of 82 years of successful manufacturing experience. They are produced to meet the most exacting demands for quality, uniformity and dependability. Barrett's unmatched service is assured with every order. Phone, wire or write for quotations.

AMMONIA LIQUOR
ANHYDROUS AMMONIA
BARRETAN*
BENZOL
CRESOLS
U. S. P., Meta Para, Ortho
Special Fractions
CRESYLIC ACID
Straw Color and Dark
CUMAR*
Paracoumarone-indene Resin
FLOTATION OILS and REAGENTS
HI-FLASH NAPHTHA
HYDROCARBON OIL
NAPHTHALENE
Crude, Refined Chipped, Flake and Ball
PHENOL (Natural)
U. S. P. 39.5° M. Pt. and 40° M. Pt.
Technical 39° M. Pt.
Technical 82-84% and 90-92%
PICKLING INHIBITORS
PICOLINES
PYRIDINE
Refined, Denaturing and Commercial
QUINOLINES
RUBBER SOFTENERS
SHINGLE STAIN OIL
SOLVENT NAPHTHA
SPECIAL HEAVY OIL
TAR ACID OILS
TOLUOL
XYLENOLS
XYLOL

*Reg. U. S. Pat. Off.

Barrett

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

Coaltar Chemicals

Cresylic Acid Shortage Unrelieved — Crude Naphthalene Quiet —Toluol and Solvent Naphtha Firm — Creosote Oil Steady —Phthalic Anhydride and Betanaphthol in Good Demand

The market for the coaltar chemicals was quiet during the week just closed. Manufacturing consumers were withdrawing shipments for actual production only with the slowing down in demand accentuated by the Labor Day holiday, Monday. Despite the relatively dull call the market as a whole displayed a steady to firm tone.

Buying of benzol reflected the inclination of consumers in the rubber industry to hold down commitments to actual production requirements, for the automobile industry was in the midst of a changing-over period. As a result of some of the major producers changing over to the 1937 models the weekly output revealed a decline. However, inquiries reaching the market for toluol were largely for forward shipment, giving the prices a decidedly firm appearance. Cresylic acid was still in short supply. The call for crude naphthalene was spotty, but the prices ruled unchanged. And interest in crude naphthalene was mainly for 1937 commitments. Creosote oil was steady. There was little to report in the market for solvent naphtha and xylol, with demand fair and prices firm. Phenol was also firm. Phthalic anhydride and betanaphthol were firm. Benzidin base was dull, but a steady tone was noted for anilin, alphanaphthol and dinitrobenzene.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.3	126.3	126.5	122.8

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The market for the various sorts of this material moved through a quiet week, but the prices appeared steady. Manufacturing consumers were withdrawing shipments for nearby production requirements only. Rubber tire manufacturers were gauging production with the output of automobiles, and reports from Detroit indicated that some of the major automobile producers were engaged in the changing over to new models. The American Iron and Steel Institute reported that steel operations last week were at 71.5 percent of capacity, against 72.5 percent in the preceding week. A month ago operations were at 71.4 percent and a year ago at 45.8 percent. Iron Age reported that orders are flowing to the mills in an almost uninterrupted stream. Whatever falling off occurs in some products, such as is occasioned by the in-between season in the automobile industry and virtual completion of 1936 production by the refrigerator manufacturers, is made up by increased demand elsewhere.

Creosote Oil.—There was a good demand in evidence for this material at times during the week just closed, with the prices displaying a steady to firm tone. Buying originated in the usual channels of consumption.

Cresylic Acid.—Synthetic resin industry and other routine consumers continued to withdraw shipments in fair volume throughout the week under review, with the prices decidedly strong, for the demand continued in excess of supplies.

Naphthalene.—Business in the market for the crude material continued extremely quiet during the period under review, for the miscellaneous consumers were covering for immediate production wants only and the major consumers said to be covered for the balance of the 1936 season, which situation resulted in talk being concerned largely with 1937 business.

Phenol.—A good inquiry was noted in the market for this product again last week, with the shipments moving out to the synthetic resin industry, petroleum trade, intermediate dyestuff makers and other routine consumers. Prices were regarded as firm at the levels in effect previously.

Solvent Naphtha.—The market for the industrial water white commodity was fairly good during the week just closed, with the prices displaying a firm tone. Business in the high flash article was fair, and quotations were unchanged.

Toluol.—There was a fairly good call in this direction again last week, but the buying reflected the letdown in the automobile industry. However, inquiries for forward shipment were fairly good. Reports from the automobile industry were to the effect that some of the major producers were still occupied with the task of changing over to 1937 models, with the result that the output showed a decline.

Xylol.—A firm tone ruled in this direction again last week, with the prices unchanged. Shipments of the commercial product were equivalent to actual production.

CHICAGO, Sept. 3.—Considerable stability and firmness now seem to be shown in the coaltar bases. Demand is a little better on some items than others. The benzol market seems to have been straightened out somewhat, following its continued weakness. Toluol buying is reported fair. Ruling prices of representative sellers are:—Benzol, 90 percent tankcars 16c. to 17c. per gallon; motor benzol, 11c. to 12c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic.—Demand was fair here again last week, with the prices displaying a decidedly firm tone.

Broenner's.—This market revealed little change during the course of the period under review, with the shipments moving forward at an irregular pace, but the prices were well sustained.

Gamma.—An irregular buying movement was noted in this market again last week, but the dull character of the call at times failed to have an influence on the market from a price standpoint.

Picric.—Orders reaching this market were concerned with immediate production requirements only, but the prices were well held.

Salicylic.—Interest here was fairly good at times during the week, with the textile trade and other usual consumers placing the call, and prices were regarded as steady.

Sulphanilic.—No change was disclosed in this direction, with the prices holding steady and routine consumers were covering when needs were imperative.

Tobias.—Demand was quiet again last week, with the prices displaying a steady tone.

Other Intermediates

Alphanaphthol.—Business continued fair during the week, with the prices displaying a steady to firm tone.

Benzidin Base.—Although the market was a rather dull affair from a demand standpoint, sellers reported the presence of a steady to firm tone.

Betanaphthol.—A good inquiry was reported for this material again last week, with the shipments moving forward to the routine consumers at a steady pace, and prices were well sustained.

Dinitrobenzene.—This market offered little variation from recent weeks, with the shipments moving forward at an irregular pace, but the prices ruled unchanged.

Dinitrotoluene.—While consumers were withdrawing commitments at a pace sufficient to cover for immediate production requirements only, sellers reported the prices were firm.

Metatoluylenediamine.—Despite the slow character of the buying, with small quantities making up the call, sellers reported the quotations ruled steady to firm.

Orthodichlorobenzene. — Business

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

continued in good volume during the week, with a firm tone prominent.

Orthotoluidin.—This market offered little improvement, with the shipments moving out in volume commensurate with actual production requirements, and prices were unchanged.

Phthalic Anhydride.—A substantial volume of business was moved here during the week, with a firm tone governing the dealings, and prices ruled unchanged.

Coaltar Colors

The market for the coaltar colors revealed little change during the course of the period under review, with the shipments confined to actual production requirements, but the prices ruled steady to firm. Word from the Paterson, N. J., district continued to tell of labor disturbances in the textile mills there, with the labor unsettlement attributed to a deadlock over the new union labor contract, which contract was seeking a closed shop. Operations in the cotton cloth mills continued relatively high for this period of the year, with the output running ahead of the actual sales, but the backlog of unfilled orders was said to be responsible for the continuation of the representative production schedule. Woolen and worsted mills were operating at a fair level. Raw silk consumption in the United States measured by mill takings increased 5,358 bales during August reaching a total of 42,016 bales, according to a report by the Commodity Exchange. Hosiery July shipments were up 5.4 percent. over the June figure.

F.W.D.A. Discusses Robinson-Patman Act

(Continued from page 3)

clause in two ways. One of them, translated into layman's language, would sound like this:—"Nothing in this act shall prevent a co-operative association from returning patronage dividends to its members, or to producers, whether members or not, or to consumers, whether members or not." This construction would give the wholesale co-operatives what they want.

The other construction would sound like this.—"Nothing in this act shall prevent a co-operative association from returning patronage dividends to its members provided such members are producers or consumers." Such a construction would limit the operation of the section to consumers' and producers' co-operatives. The lack of a comma after the word "consumers," of course, favors the former construction, and consequently provides an argument for the wholesale co-operatives' view.

There are other arguments. For example, it may be contended that retailers who buy from wholesalers are really consumers. This was the broad view of the consumer taken by the Consumers' Advisory Board of NRA, namely, that practically any purchaser is a consumer; but this view was taken principally so that the board would have jurisdiction to protect the interests of such buyers whenever a code for a particular group of sellers was promulgated. In ordinary parlance, however, a consumer means the ultimate consumer, and it seems that this is the probable meaning attached to the term by Congress. Consequently, the argument that a retailer is a consumer is not a very strong one.

No Specific Provision

Arguments pro and con may be found in the report of the conference committee of Congress. One strong argument against the wholesale co-operatives is that the committee deleted from the act the specific words, "or a co-operative wholesale association from returning to its constituent retail members." Furthermore, the committee went on to say, "As so modified, this section serves to safeguard producer and consumer co-operatives." This would seem to indicate that the deleted words were taken out, not because they were deemed unnecessary, but because Congress wished specifically to exclude wholesale co-operatives from the section. However, later in its statement, the committee says, ". . . this section is included as a precautionary reservation to protect and encourage the co-operative movement." One can argue that the co-operative movement includes the wholesale co-operatives.

There is a possible reason that we have not considered why the Congressional committee deleted the words referring to wholesale co-operatives. Perhaps they wished to cut short any attempt by the chains to organize on a pseudo-co-operative basis and thus evade the law. If this was their wish, they have fulfilled it, but in doing so they may unwittingly have hurt bona fide wholesale drug co-operatives.

You can see that the arguments on both sides are strong; but it is significant that the best arguments on the side of the wholesale co-operatives lie in the wording of section 4 as it stands; while the strongest arguments on the other side lie in the legislative record. If a case arises, and the court can be convinced that section 4 as it stands clearly and unambiguously covers wholesale co-operatives, this association may win its point simply because, as a rule, the court will not look to the legislative intent unless the wording of the statute is doubtful. My belief, therefore, is that in a proper case, well handled, you should come out on top.

Delays Are Dangerous

Mr. Merrell pointed out that the Federal Trade Commission does not have authority to interpret the Patman act by means of approved trade practice rules. The commission is, however, required to interpret the act in individual cases brought before it, but its word is not final because all its findings are subject to court review.

A strong warning against sitting back and waiting for the Patman act

R. E. Lee Williamson
Re-elected F.W.D.A. Secretary

to be interpreted by the courts was sounded by Mr. Merrell. He showed that this attitude might result in the imposing of retroactive triple damages. His urgent advice was that individual price plans be analyzed and, if legal, retained, but dropped if of even doubtful status under the act.

The speaker set forth in detail the implication and meaning of the statutory requirements that quantity discounts may not exceed reductions justified by savings in the cost of transactions. This does not mean a flat price to every customer of a wholesaler, he explained; but it is required that discounts be equally available to all purchasers. The question of justifying the 8-percent discount represented by giving one package free with a dozen was raised but not answered by Mr. Merrell. Free goods are not banned, he said, but their giving may not be arbitrarily restricted.

Advertising allowances are legal, Mr. Merrell said, if they are real and represent value received. Payment of "push-money" and furnishing of demonstrators give rise to difficult problems, he continued; their legality depends wholly on whether they are generally available and not discriminatory. This assurance is almost impossible in respect of demonstrators, and the speaker's advice was that abandonment of these helpers was the only sure means of avoiding litigation.

Mr. Merrell was of the belief that the Patman Act permitted the allowance of a special functioning discount to wholesalers. He pointed out that the factor of competition must be looked for. It was his belief that manufacturers will not give wholesalers better prices than they give chain-stores, because as a rule, they have not done so in the past.

In their spare moments the members of the association had luncheon in the Lafayette Club, Lake Minnetonka, were variously entertained about the city, and did some golfing at the Golden Valley Golf Club.

KOP
BENZOL TOLUOL XYLOL
CRESOL PHENOL
SOLVENT NAPHTHA
CRESYLIC ACID
NAPHTHALENE
KOPPERS P MPANY
KOPPERS BUILDING · PITTSBURGH, PENNA.
Offices and Plants in Important Cities

J&L
benzol service
Making benzol to your exact specifications, and providing a continuous supply of like character constitute J & L Benzol Service.
Extensive experience in the use of benzol has given Jones & Laughlin a broad understanding of the varying needs which the manufacture of widely differing products imposes. This experience, together with an expert technical staff and proper production facilities, has equipped J & L to supply benzol to satisfy individual requirements. We will welcome the opportunity of furnishing a sample made to your specifications. Look to Jones & Laughlin, also, for structural steel, pipe, boiler tubes, and all of the other steel products that you use.
J&L LIGHT OIL DISTILLATES
Pure Benzol *Motor Benzol*
Pure Toluol *Solvent Naphtha*
90% Benzol *Xylols*
J&L STEEL
JONES & LAUGHLIN STEEL CORPORATION
American Iron and Steel Works
PITTSBURGH, PENNSYLVANIA

CRESYLIC ACID
Pale 98/100 %
Imported
Superior Grade
Immediate Delivery from Local Stocks
CROWLEY TAR PRODUCTS CO.
271 MADISON AVENUE • NEW YORK

Dyestuffs and Textile And Leather Chemicals

Advance in Zinc Dust Reflects Higher Metal Price—Egg Products Quiet—Bichromates Continue Firm—Corn Derivatives Unchanged — Tanning Materials Dull

The market for the dyestuffs and tanstuffs was extremely quiet during the week just closed. Manufacturing consumers continued to order out supplies for immediate production wants only. This close hand-to-mouth purchasing plan was prompted to some extent by the approach of the Labor Day holiday. The price change in the market was supplied by a slight rise in zinc dust.

The rise in the price for zinc dust came about as a result of the higher basic metal quotation. The call for the bichromates was fairly good at times during the week, but it was apparent consumers were inclined to hold off buying material beyond actual production requirements until after the Labor Day holiday, at which time a better picture of the trend business will assume in the Fall was expected to be available. Alumina chloride was steady. Sizing materials were quiet, including the egg products as well as the corn derivatives. The withdrawals of egg products for consumption in July showed an increase of 50 percent over the same month a year ago. Dyestuffs were dull, with the labor difficulties still noted in the northern New Jersey textile mills. Tanning materials were slow, but a firm price tone was noted for valonia. Wattle bark was unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Zinc dust, 5 points per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.4	152.4	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—This product noted a highly irregular demand again last week, with the shipments moving for the account of the pharmaceutical and dye trades at a pace indicative of the continuance of the hand-to-mouth policy. Prices were without change.

Antimony Salt.—This market noted a spotty buying movement, but the rather dull demand failed to have an influence on the market pricewise, with sellers naming previous values.

Potash Bichromate.—The situation in this market was relatively unchanged from recent weeks, with the consumers withdrawing commitments of conservative volume, but the prices ruled steady to firm.

Potash Prussiate.—The market for the red material failed to show an improvement from a demand standpoint, but the prices were firm. There was little to report in the market for the yellow article and quotations were held unchanged.

Soda Bichromate.—A fair inquiry was noted for this article from the regular sources of consumption and the prices ruled firm. A favorable volume of busines was said to be on the books for delivery after Labor Day.

Zinc Dust.—Coincident with the rise in the price for the metal, sellers advanced quotations 5 points to 7.60c. to 8.10c. per pound, according to quantity.

Dyestuffs

Annatto.—The call for the paste and seed materials revealed little betterment during the week, with the buying made up of jobbing quantities, and prices were without change.

Archil.—Business in the various sorts of this material continued dull and featureless throughout the period under survey, with the quotations displaying a steady tone.

Cochineal.—Buying of the Teneriffe silver and grey items continued lacked improvement again last week, with the call consisting of jobbing quantities, and the prices were unchanged.

Fustic.—The market for this material continued to note a highly irregular demand during the week, with the prices holding unchanged.

Indigo.—The market for the natural product continued to move at a dull pace, but the prices remained firm. The call for the synthetic item was fair, and quotations were unchanged.

Logwood.—This situation presented little variation from recent weeks, with the buying side of the market a rather dull affair, and quotations were without change.

Madder, Dutch.—Another slow week was recorded in this direction, but the prices were held steady to firm. The steady to firm condition reflected the limited amount on hand.

Sizing Materials

Albumen.—The market for the edible egg material continued at a slow pace during the week, with the prices holding unchanged. The slow demand could be explained by the appearance of the Labor Day holiday, after which time a better aspect of the trend business may assume in the Fall is expected to be available. A report from the Department of Commerce stated that withdrawals and imports for consumption in July amounted to 214,000 pounds as compared with 158,000 pounds in the same period a year ago.

Egg Yolk.—Demand for this material was dull again last week with the quotations holding unchanged. The July statistics of the Department of Commerce bears out the reports arrivals were heavy in July, with an estimate placing the figure at 630,000 pounds which were withdrawn for consumption. This compared with 390,000 pounds in the same month a year ago.

Frozen Eggs.—The market on the New York Produce Exchange was dull. On Friday September whole mixed futures closed at 17.65c. to 18.50c.; October, 17.75c. to 18.50c.; November, 17.80c. to 18.80c.; December, 19.00c. asked. Spot nominal.

Starch.—An irregular demand was reported for this material, with the quotations holding unchanged at the levels established in the previous period. The corn crop reports stated that further deterioration occurred in the crop despite the August rains, with advices relating that the low point of the crop's progress occurred in mid-August, but some improvement has been noted in the better areas since that time and deterioration has ceased in most other sections except the Southwest. The average of the private corn estimates last week indicated a 1936 domestic corn crop of 1,416,000,000 bushels, which is 23,000,000 bushels less than the August 1 government forecast. This would constitute the smallest crop in some fifty years. The 1935 crop was 2,291,000,000 bushels and the 1934 crop was 1,478,000,000 bushels.

Tanning Materials

Divi-Divi.—There was a dull demand shown in the market for this material, but the prices were unchanged.

Gambier.—This market offered little change, with the common material noted in fair demand and prices were unchanged. The call for the plantation and Singapore cubes was spotty, but prices were unchanged.

Mangrove Bark.—Demand here continued at an irregular pace with the prices holding unchanged. The call indicated tanners were purchasing for actual wants only.

Myrobalans.—The market for this commodity failed to note an improvement as far as demand was concerned, but the quotations for the various sorts were identical to those in effect previously.

Quebracho.—Another quiet week was noted here, but the prices were well sustained.

Sumac.—A fair inquiry was reported for the Sicilian ground material during the week and the prices were unchanged. The call for the leaf was irregular, but no change occurred in the quotations.

Valonia.—The market for the beards and cups was much the same as the previous period, with little change shown in the quotations which were $55 per ton for spot beards and $46 per ton forward shipment, and $35 per ton for cups, shipment in the fourth quarter.

Wattle Bark.—Business in this market was spotty, but no change was uncovered in the quotations.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Patman Act Advice Offered by P.A. Counsel

(Continued from page 3)

customers are in competition with each other, or whether your customers are also customers of your competitors, and whether the effect of such discrimination may be substantially to lessen competition or tend to create a monopoly, or to injure, destroy, or prevent competition with you or the customer who knowingly receives the benefit of the discrimination, or with customers of you or such person. This is the second element in a violation. A discrimination is not unlawful unless this second element is present.

4. Determine whether the transaction in which the discrimination is practiced is in interstate commerce or constitutes a burden upon that commerce. In most cases, especially as affects large scale business, intrastate commerce will be difficult to determine. But it is a third, and necessary, element in a violation. The law does not apply in intrastate commerce.

5. Consult your lawyer. Give him full detailed information on your system and practices of distribution. Even after determining that your practices are fair and just, it is possible, because of the ambiguous and all-embracing nature of the Act, that you may be ensnared in innocent technical violations; that literal application may involve you in "absurd consequences."

Although you may have considerable assurance in avoiding the legal meshes if your practices are fair, and although governmental agencies may give the law a sensible construction, competitors and customers may assert a more technical position and sue you for damages. Also, one portion of the law is criminal in nature.

Therefore, for greater assurance, you should canvass with your attorney every possible application of this act to your business. One endeavoring to conform to the statute in good faith will necessarily meet legal problems. One finding it impossible to conform to the statute in some of its applications and still conduct a profitable business must balance the legal risk of damages or fines possibly resulting from a violation as against the certain loss of profits or business from literal compliance.

6. Study the act yourself. It will give you a few headaches and you will find most of it difficult to understand, but so does everybody else. Notwithstanding, you should be familiar with the language of the act and the purposes sought to be accomplished, and thereby better prepared to consult your lawyer, to perceive possible applications of the act to your practices, and to appreciate the responsibilities involved.

Things Not to Do

1. Do not rely on general advice, bulletins, writings, and trade gossip. These contain discussion and suggestions which at times are thought-provoking and usually worthwhile. Study them. But, compliance by individual corporations or persons affected by this law cannot be formulated on general advice. You and your own individual attorney are the only ones who can chart your course.

2. Do not disregard the law and the idea behind it. It is true that the law is uncertain, ambiguous, and susceptible of absurd constructions. But, the idea is quite clear, and the law is the result of the idea and of strong forces moving in support of it. It has come as the result of a protracted so-called "Chain Stores Investigation" conducted by the Federal Trade Commission; as the result of long smouldering resentment by a multitude of independent or small dealers who have suffered under discriminatory practices that have frequently been flagrant; as the result of a growing recognition on the part of producers that discrimination is cancerously undermining good distribution.

No one seriously denies the existence of unfair practices in distribution. No one seriously denies that business has either been unable, or unwilling, to eliminate them. Without praise for the form of the statute, there is praise for the idea behind it and strong probability that the idea will continue to have legislative expression.

This statute should, and perhaps will, be clarified by subsequent sessions of Congress. Perhaps it will also be strengthened. Quite likely it is unconstitutional in some of its provisions, but that is something which will not be determined for a long while and then only on the facts presented in actual cases. One will not be heard to question its constitutionality until one stands to be injured by the application of it to him.

3. Do not defer compliance with the law. It is reported that complaints already have been made to the Federal Trade Commission. Private suits may be instituted at any time. Criminal prosecutions may be begun. Every violation, of course, cannot be acted upon at one time, but no one has any assurance that he may not be among the first. And, damages, which may be trebled and recovered in suits by persons injured by violation of the law, will cumulate upon discriminations from and after June 19, 1936, the effective date of the act.

4. Do not attempt evasion and subterfuge. If you cannot bring all of your practices into literal conformity with the act, it is better that you evolve new systems or methods of distribution, or that you meet a test of the law's enforceability against you on a genuine case of actual facts and good intent. Subterfuge and evasion will be persuasive of "knowledge" of discrimination which is an element of a criminal violation. They will also support the charge that the discrimination injures, destroys or prevents competition, which is an element of the civil violations.

5. Do not make representations, written or oral, that discounts, allowances, or services rendered a particular dealer are not discriminatory unless you are certain they are not and unless you desire to assume the full risk of their being discriminatory. Such a representation may relieve the one who receives the benefit of the discrimination from any liability under the act because liability of the one who receives a discrimination arises only when he knowingly induces or receives it.

An important provision of this law is the application of it to one who receives. Heretofore, the law has applied only to one who grants. It was recognized that many discriminations are induced by the buyer, and that frequently the seller granted the discrimination under compulsion—or pressure. It not only is fair that the buyer who receives the benefit should share the liability, but it adds to the effectiveness of the statute and facilitates the seller's compliance with it.

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLÉ, 205 Fulton Street, NEW YORK
Telephone: Cortlandt 7-1460-1461 Cable Address: "Fezan," N. Y.

MUTUAL BICHROMATES
BICHROMATE OF POTASH
BICHROMATE OF SODA
OXALIC & CHROMIC ACID
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE., NEW YORK
PLANTS AT
BALTIMORE AND JERSEY CITY
MINES IN NEW CALEDONIA

Paint, Varnish, Lacquer Materials

Zinc Oxide Prices Advance October 1 — 50 Percent Leaded to Rise 3/8c—Others Up 1/4c—Moderate Changes in Naval Stores — July Paint Sales

Lead-free and leaded zinc oxide prices will advance on the first of next month. News of the price boost reached the trade Tuesday and all prices will rise a quarter-cent per pound except the price of 50 percent leaded material which will advance three-eighths of a cent. The rise will take place on the anniversary of the price slash in zinc oxides last year. Producers will take business at current prices up to September 30 and they will also book for buyers' needs for the balance of the year provided that the material is ordered and paid for prior to October 1. The advance in prices and the thirty-day notification prior to the actual rise will probably result in a very heavy business in the article this month. The rubber products manufacturers and the paint trade will doubtless cover far ahead on estimated requirements.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, E.I., Batu scraped, 1/4c. per lb.
Mercury oxide, red, yellow, 10c. per lb.
Vermilion, English quicksilver, 13c. per lb.
Zinc oxide, dom. (Oct. 1), 1/4c. to 3/8c. per lb.

Reduced

Rosin, 2½c. to 35c. per 280 lbs.
Turpentine, 1c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.9	129.9	129.9	134.0

Market news that may have developed after this report was sent to press will be found on page 4.

Other price features of the week included higher quotations for technical mercury oxides and English quicksilver vermilion. These commodities followed the metal market upward and are in a position to move up further if metal costs increase.

Fall trade is reaching the market in progressively increasing volume. Pigments have been in greater demand during the past two weeks and there is a fairly uniform opinion among the sellers of paint, varnish and lacquer chemicals that Fall trade will exceed that of last year. Additional improvements might have been reportable last week except for the painters' strike in New York and in some mid-Western points. Industrial paint buying seems to be good.

Business in turpentine and rosin was on a very conservative scale last week, consumers in many instances being disinclined as usual at this period to purchase in advance of actual requirements. Changes in prices in primary and local markets were generally within comparatively small limits. Weather conditions in many parts of the South were favorable for operations in the woods and receipts at primary points were rather free.

Paint, varnish, lacquer and filler sales reported to the Bureau of Census by 680 establishments totaled $35,392,470 in value against $40,464,806 in June. Total sales for the first seven months of the year were $233,163,445. Sales reported by 579 establishments were $33,919,137 in July against $28,975,289. Plastic paints sold in July totaled 575,438 pounds valued at $49,389; cold water paints sold totaled 2,096,082 pounds, valued at $139,565; and calcimines sold were 6,063,165 pounds valued at $261,462.

Building activity in July fell below the June level, according to Secretary of Labor Perkins. The decrease amounted to less than 2 percent but showed an increase of 89 percent over last July. During the first seven months of this year permits were issued for building valued at $751,527,000, which is 75 percent larger than the corresponding period last year. Total building construction costs for July, including alterations and repairs, and a comparison with June, follows:—

	July.	June.
New England	$14,269,535	$8,912,223
Middle Atlantic	45,745,199	57,531,457
East North Central	31,742,150	31,270,526
West North Central	7,103,850	6,963,584
South Atlantic	19,105,350	20,980,326
East South Central	5,491,129	3,240,815
West South Central	10,043,231	8,306,891
Mountain	3,411,380	3,200,433
Pacific	19,416,092	18,875,335
Totals	$156,327,916	$159,181,990

Metallic Lead and Zinc

Pig lead sales were broad last week. Sellers did not expect much interest this week and had thought that trade will be perfunctory until after the Labor Day holiday but there was some lively business done in mid-week. Buyers covered into October. The price situation continued unchanged last week with quotations at 4.45c. per pound East St. Louis and 4.60c. to 4.65c. per pound at New York. July lead production in United States was 36,863 tons against 36,756 tons in June, according to the American Bureau of Metal Statistics. Mexican production was 20,173 tons in July and Canadian output was 14,133 tons. Lead imports in Great Britain in July were 31,210 tons against 23,809 tons in June.

Zinc prices advanced on Monday. The advance was one of 5 points and represented the first move in this metal for some time. Quotations are now 4.85c. per pound, basis East St. Louis. There were extremely heavy bookings as the price went up and some observers of the market estimate that Monday's sales were over 20,000 tons. Oddly, the price of zinc sagged heavily on the London Exchange on the day following the price boost here. However, the domestic producers seem in a snug position as a result of the heavy purchasing. Imports of slab zinc in Great Britain during July were 16,010 tons against 14,052 tons in June, according to the American Bureau of Metal Statistics.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from August 31 to September 4, inclusive, are as follows:—

	Pigs: Per pound New York.	Pigs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0460@.0465	$0.0445	..	..	..
Monday	.0460@.0465	.0445	17	1	3
Tuesday	.0460@.0465	.0445	17	1	3
Wednesday	.0460@.0465	.0445	17	2	6
Thursday	.0460@.0465	.0445	17	5	0
Friday	.0460@.0465	.0445	17	8	9

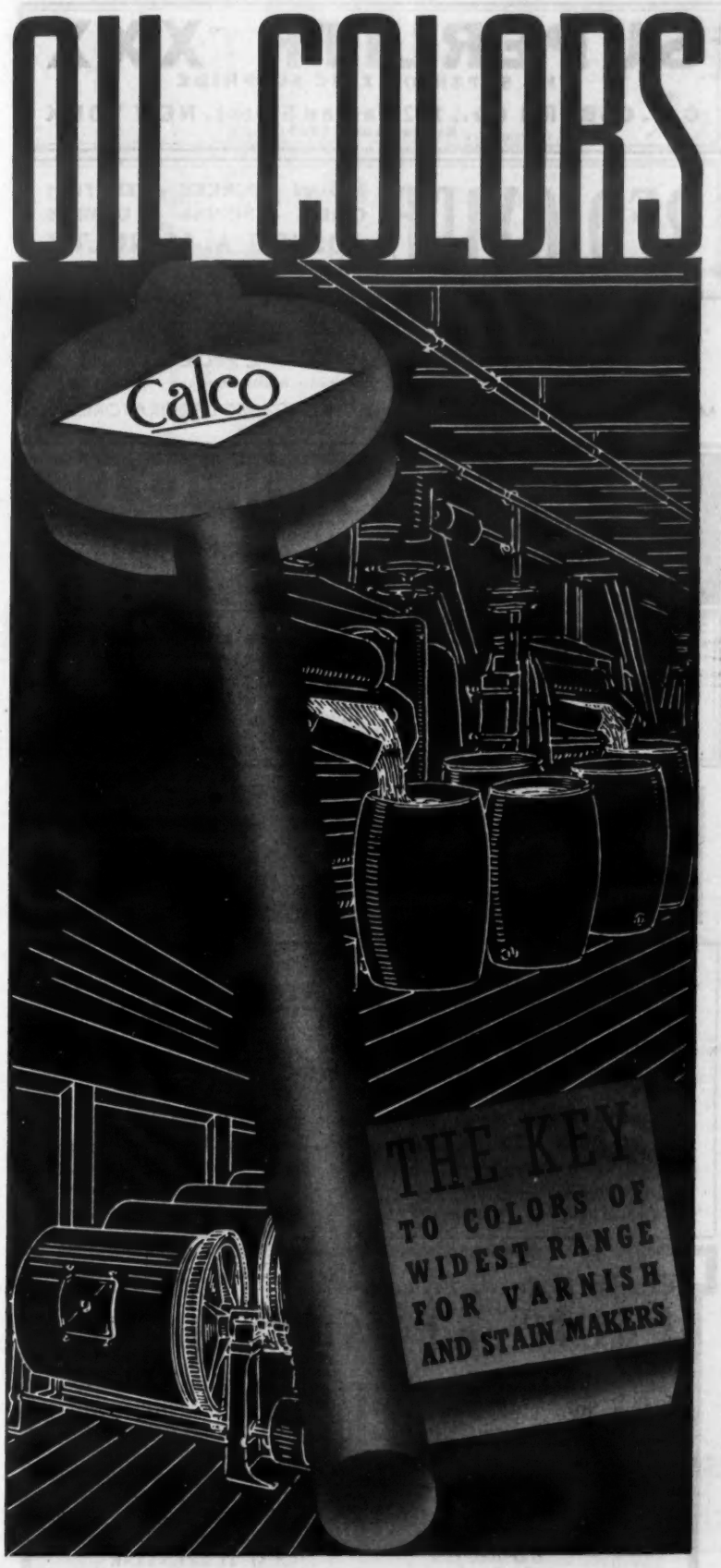
Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from August 31 to September 4, inclusive, are as follows:—

	Slabs: Per pound New York.	Slabs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.05225	$0.0480	..	..	..
Monday	.05275	.0485	13	16	3
Tuesday	.05275	.0485	13	10	0
Wednesday	.05275	.0485	13	8	9
Thursday	.05275	.0485	13	7	6
Friday	.05275	.0485	13	7	6

Pigments

The most startling development in the pigment field in some time was last week's news that domestic zinc oxide prices will be raised a quarter-cent on October 1. Lead-free and leaded oxides, French and American process will move up on that date and the price of 50 percent leaded oxide will be raised three-eighths of a cent over its present level. Sellers will take business at current prices for delivery over the remainder of the year provided the material is paid for prior to October 1. No business will be taken at present prices after September 30. The advance in prices will occur on the anniversary of the sharp cut in prices of zinc oxides on October 1 last year. Other pigments

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



CALCO invites attention to its facilities for expert color matching to specific requirement.

THE CALCO CHEMICAL COMPANY · INC ·

A Division of American Cyanamid Company

BOUND BROOK · NEW JERSEY

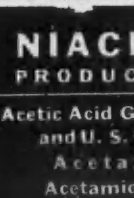
BOSTON · PHILADELPHIA · NEW YORK · CHARLOTTE · CHICAGO · PROVIDENCE

SUPERLITH XXX
THE SUPERIOR ZINC SULPHIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York City

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York, N. Y.
Offices: 3001 West 47th Street, Chicago, Ill. Factory: Savannah, Ga.



GOOD PAINTERS' CAPS are an asset to your business
By supplying your trade with good caps you emphasize your service with added good will.
Let us show you samples and quote on your next order.
Orders accepted for prompt or deferred shipment.
The Minnesota Specialty Co., Inc., 129 North 4th Street MINNEAPOLIS, MINN.
Manufacturers Painters' Caps and other cloth specialties

Cawood COLOR OXIDES
"The Best by Test"
THE RICHARD L. CAWOOD COMPANY
EAST LIVERPOOL, OHIO, U. S. A.

WHITING
Calcium Carbonate
99% — 325 Mesh
Pure White
Dry-Ground — Air-Floated
HARRY T. CAMPBELL SONS' CO.
Towson, Baltimore, Maryland

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

Crude, Refined, Processed
PAINT and VARNISH OILS
Sales Representatives:
D. H. Litter & Co., Inc. New York, Boston, Philadelphia
White & Co. Akron, Cleveland, O.
Southwest Sales Co. Dallas, Houston
Marshall Dill Los Angeles
CHINAWOOD OIL
PERILLA OIL
LINSEED OIL
SARDINE OIL
SOYABEAN OIL
HEMPSEED OIL
RAPESEED OIL
CASTOR OIL
GUM TURPENTINE
Special Oils to Order
PACIFIC VEGETABLE OIL CORPORATION
Importers, Refiners, Manufacturers
62 TOWNSEND STREET, SAN FRANCISCO, CALIF
4½ million gal U.S. Gov't Bonded Tank Storage

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts
FOR RESINS and PLASTIC MANUFACTURE
ACETALDEHYDE
PARALDEHYDE
CROTONALDEHYDE
ACETALDOL
PENTAERYTHRITOL
CROTONIC ACID
NIACET
CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N.Y.

were without new price development last week.

White Lead.—There has been an improvement in sales for the past two weeks and local business might have been a little better except for the painters' strike in New York. Trade is now moving toward seasonal activity. Prices continue steady but unchanged at the levels that have been in force for many months back.

Red Lead.—The metal market holds a steady position under quiet purchasing and as reported previously, a leading factor in the business does not expect an advance in the price. The derivative reflects the condition of the basic metal albeit there is a more active demand than in recent weeks.

Litharge.—Conditions surrounding this lead derivative are similar to those of other oxides and also to the conditions in the metal market. Car lot and smaller quantity prices have not been changed for several months.

Lithopone.—The sellers in the East have been reporting a fairly good business for the past two or three weeks. The deliveries against contracts have been more frequent and the size of individual orders is showing seasonal growth. Prices continue at schedule.

Titanium Pigments.—The sales for the month just ended were quite good, exceeding those of the preceding month and sellers look for a very satisfactory Fall trade. One of the leading marketers will shortly offer a titanium-barium compound with increased titanium dioxide content. This material will contain 30 percent titanium dioxide precipitated on blanc fixe.

Zinc Oxide.—Domestic oxides will advance October 1 in recovery of some of the price reduction made on the same date last year. American process and French process oxides will advance ¼c. per pound except 50 percent leaded which will move up ⅜c. per pound. Sellers will cover buyers with their needs at the lower prices for the balance of this year, provided the material is bought and paid for prior to October 1. No business will be taken at current levels beyond September 30. The new schedule for American process oxides in bags will be as follows:—

Lead free, 20 ton lots, 5¼c., smaller lots, 5½c.; 5 percent leaded, 20-ton lots, 5⅛c., smaller lots 5⅜c.; 35 percent leaded, 20-ton lots, 5½c., smaller lots, 5⅝c.; 50 percent leaded, 20-ton lots, 5¼c., smaller lots, 5½c. per pound. Barrel packing is chargable at ¼c. per pound additional and 20-ton lot orders of 35 percent and 50 percent leaded may be combined. The schedule for French process oxides in bags is as follows;—Lead-free, 20-ton lots, 5¼c.; smaller lots, 5½c.; green seal, 20-ton lots, 6¼c., smaller lots, 6½c.; red seal, 20-ton lots, 5¾c., smaller lots, 6c.; and white seal, 20-ton lots, 6¾., smaller lots, 7c. per pound. Barrel prices are ¼c. additional. The aforementioned prices for American and French process oxides are subject to usual differentials for Pacific Coast delivery.

Fillers and Extenders

Mineral whites, fillers and inert pigments and materials included in this division of the market did not contain anything in the way of price change during the past week. Generally, there was a further increase in consuming demands and the market is fast approaching a point of seasonal activity.

Barytes.—Prices hold unchanged and business is reported as being a little more active. A Department of Commerce report on the production of barytes in Soviet Russia estimates that present production totaled between 70,000 and 100,000 tons annually. Reserves in Eastern Siberia and the Urals are estimated at 4,000,000 tons. Prior to the World War, Russian production in the Caucasus district never amounted to more than 4,000 tons annually.

Calcium Sulphate.—The luminous product continues at an unchanged figure with 75c. per pound named at the Western producing point.

Talc.—As reported previously, one of the makers of fibrous material has indicated that the trade may look for a general increase in prices next year.

Dry Colors

Quicksilver derivatives held the spotlight in the color market last week. Following a substantial rise in raw material prices on lack of replacements from Spain, prices for English quicksilver vermilion and for technical red and yellow mercury oxides were advanced sharply. Furthermore, prices are likely to advance further if metal prices continue to rise. Color demands continue in fairly good fashion with

MINERS REFINERS IMPORTERS
INDUSTRIAL CLAYS
CALCINED CLAY
Finely powdered pure white material packed in paper bags or barrels—Available in any quantity.
Testing Samples Sent Upon Request
United Clay Mines Corporation
Trenton Dept. O New Jersey

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
•
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

No. 10 PASTE FILLER

For filling any materials in paste form. Particularly adapted for White Lead.
Write for Quotation
ARTHUR COLTON CO.
2624 E. Jefferson Avenue
DETROIT - MICHIGAN

Shawnee DRY COLORS
Color Content Guaranteed
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

the ink trade showing a lively purchasing interest. The paint trade's activity is improving.

Carbon Black.—Prices for standard grade blacks hold unchanged since the recent shift in the prices on material for delivery in Zone G (Mexico). The price for No. 6 in the specialty black group is quoted by most suppliers at 60c. per pound, compared with 65c. previously. According to the Department of Commerce, it has been ruled that no permit is required for the importation of carbon black into Australia. The list of items affected by the prohibitions, which became effective in May, included "carbon manufactures of all kinds, including carbon blocks," and there was some doubt among importers as to whether carbon black was included. The official decision is to the effect that carbon black is not a manufactured article, and therefore is not subject to the licensing requirements.

Mercury Oxides.—Prices for technical red and yellow oxides have been advanced 10c. per pound. Both are now quoted at $1.29 per pound and the higher price follows the rising cost of quicksilver. These oxides hold a strong position even at advanced levels.

Spanish Red Oxides.—Prices continue unchanged and sellers seem to have enough stock on hand to take care of the nearby needs of regular customers. At least none of the importers has made a move to establish higher prices. One seller quoted an advance to a buyer but lost the business by doing so. A general mark-up in prices is likely to come but it has not taken place as yet.

Vermilion.—The quicksilver product has advanced 13c. per pound. Quotations are now $1.65 per pound for 500-pound lots and $1.66 for 300-pound quantities with smaller lots ranging up to $1.72 per pound. One house quotes barrels at $1.75 and is accepting orders subject to its ability to obtain raw material supplies. The metal has advanced sharply and it is likely to go higher in which even the derivative will go higher.

Ultramarine.—Foreign trade records of the Department of Commerce indicate that American manufacturers lost business in Japan last year. Japanese purchases from this country were 46,391 kin (1.3 pounds) out of a total of 627,989 against 54,684 kin out of a total of 465,259 in the preceding year. Germany and Belgium receive the major portion of Japanese business.

Varnish Gums

Trade in natural gums was very quiet last week. Sellers of these gums indicated that the slow trade is a normal condition as a preface to the Labor Day holiday and that expectations are held for improved trading next week. Fall prospects in the varnish industry are encouraging and the trade looks for a marked improvement over last fall. The lone change in prices last week was an advance in the price of Batu scraped gum.

Copal.—There was only one change in the market last week. It was an advance in the price of East India Batu bold scraped gum which is now quoted at 5¾c. per pound in car lots and with the usual differentials for smaller quantities.

Dammar.—The Batavia and Singapore gums have been holding at a very steady level for the past several weeks. Prices are seemingly steady and although there is not much buying interest at this time, there is a better activity looked for after the Labor Day holiday.

Synthetic Resins

Synthetic gums have been moving at a fair rate and some manufacturers have been able to report a good business through the month of August. Prices have undergone no change in recent weeks except in the case of the ester gums which were advanced on Monday of last week to the basis of 7¾c. per pound for car lots or 75,000 pound contracts.

Naval Stores

The action of primary markets for naval stores was rather disappointing to some members of the trade in view of the bullish character of statistics recently issued concerning the movement to curtail production this season. The indicated reduction of 11½ percent in the output failed to stimulate business in the way that some had expected, and at one time early in the week primary markets were inclined to ease off. Changes in prices were not important, however, and later on there was a disposition to take a more favorable view of the outlook. At this period of the year business in naval stores is usually on a rather conservative scale, consumers being disinclined in many cases to provide for future needs until the Labor Day holidays are out of the way.

The strike of painters here created more or less discussion in trade circles, but aside from this it was without effect as a market factor, as the belief existed that the trouble is not likely to prove of long duration. Meantime reports from various parts of the country concerning the condition of general business were of an encouraging character, being regarded as pointing to an increasing consumption of raw materials of various kinds, naval stores by no means excepted. There was a fair export inquiry for rosin last week, though the volume of business closed for the period was apparently not important. Weather conditions were generally favorable for operations in the woods and the movement from the interior to the seaboard was rather liberal. Clearances from primary centers held up well, however, and there was no material change in the statistical position.

Germany's imports of turpentine during the first half of 1936, according to a consular report, were 11,631 metric tons, valued at 3,102,000 marks, as compared with the 9,737 metric tons, valued at 2,904,000 marks, for the first half of 1935. While the imports of turpentine increased, the share of the United States declined from 29 percent of the total in 1935 to 26 percent of the total for the first half of 1936. The increase in imports came from European producers of naval stores. Rosin imports likewise advanced to 37,842 metric tons, valued at 5,801,000 marks, in the first half of 1936, from 29,843 metric tons, valued at 4,513,000 marks, in 1935. Participation in the trade of the United States dropped from 54 percent to 50 percent for the first half of 1936.

Turpentine.—Some further slowing down of business was noticeable in the local market early last week, but later on the inquiry showed improvement and the movement for the period was apparently regarded as of satisfactory volume for this season when many consumers are disinclined to purchase ahead to any extent. Prices were irregular in company with the course of primary markets, changes from day to day being within moderate limits. There was no change of importance in the statistical position, clearances from primary markets being sufficient to offset rather liberal receipts.

SAVANNAH, Sept. 4.—A firm undertone prevailed in the turpentine market despite a downward price trend at times. Following is a record of the market for the week:—

	Cents per gal.	Barrels: Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	39	80	482	45	36,815
Monday.....	38½	129	384	170	37,029
Tuesday....	38	128	679	25	37,683
Wednesday..	38¼	138	441	15	38,109
Thursday ..	38½	192	865	1,300	37,674
Friday	38	108	343	4	38,013

JACKSONVILLE, Sept. 3.—Changes in turpentine quotations were moderate, the undertone of the market being steady.

GILSONITE
REG. U. S. PAT. OFF.
Prompt shipment always from conveniently located stocks of the grade best suited for your needs.
For thirty-five years the dependable source of supply for Gilsonite.
THE BARBER ASPHALT COMPANY
Philadelphia
New York Chicago St. Louis

PLANT EQUIPMENT FOR
BODIED OILS • PRINTING INKS
ESTER GUMS • GUM RUNNING VARNISHES
SOMMER SCHMIDDING WORKS: Duesseldorf
ALBERT H. BRUECKE 30 ROCKEFELLER PLAZA NEW YORK CITY

★ ★
You have eliminated one formulating variable when you use
IMPERIAL COLORS
★ ★
IMPERIAL PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA
General Offices: GLENS FALLS, N. Y.
Branch Offices and Warehouse Stocks:
Baltimore Cleveland Louisville San Francisco
Boston Dallas New York City Seattle
Chicago Detroit Philadelphia St. Louis
Cincinnati Los Angeles Pittsburgh Toronto

Unique in their:
• Uniformity—due to the most modern producing equipment
• Reliability—due to constant laboratory supervision
• Adaptability—for specialized requirements; baking Japans, enamels, artists' colors, etc.
Typical in their:
• Ease of grinding
• Low oil absorbtion
• Intensity of blackness
• Value as tinting agents free from floating
• Value for producing "high-solids" lacquers
Bone Blacks
BINNEY & SMITH CO.
Specialists in Carbon Blacks, Bone Blacks & Oxides of Iron
41 East 42d St. New York
No. 100—For brilliant blackness with a warm brown tone
Nos. 1 & 3—For brilliant blackness with blue undertone
No. 457—For blackness combined with high tinctorial strength

DISTRIBUTORS OF BINNEY & SMITH CO. PRODUCTS
AKRON, Binney & Smith Co. . BOSTON, Hird & Connor, Inc. . CINCINNATI, B. H. Roettker Co. CLEVELAND, Binney & Smith Co. . . CHICAGO, Binney & Smith Co. . . DETROIT, C. W. Hass Co. . . LOS ANGELES, Martin, Hoyt & Milne, Inc. . . . MONTREAL, H. L. Blachford PHILADELPHIA, Binney & Smith Co... ST. LOUIS, J. E. Niehaus & Co. . . ST. PAUL, Worum Chemical Co. . . . . SAN FRANCISCO, Martin, Hoyt & Milne, Inc.

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
80 East 41st Street New York City
Member:—Association of Consulting Chemists and Chemical Engineers

Chemical Engineers—
Representation on this page would result in inquiries and business. We have a special rate for professional cards. May we quote it to you?
Oil, Paint and Drug Reporter 12 Gold Street, New York, N. Y.

Frank R. Gunn Company
Analytical and Consulting Chemists
OILS, FATS, WAXES, SOAPS, FLOUR AND FEEDS, FERTILIZERS
Ontario and Brabant Streets Philadelphia

Charles H. LaWall Joseph W. E. Harrisson
LAWALL AND HARRISSON
Analytical and Consulting Chemists
Pharmaceutical and Chemical Research. Process and Formula Development. Food, Drug and Water Analyses. Legal Testimony.
214 So. 12th Street, Philadelphia, Pa.

Pease Laboratories, Inc.
CHEMISTS SANITARIANS BACTERIOLOGISTS
ANALYSTS SCIENTIFIC LIBRARY SERVICE
MEDICAL ADVERTISING AND TECHNICAL CONSULTANTS
39 West 38th Street . . . . . New York

Est. 1865
W. S. Purdy Co., Inc.
ANALYTICAL AND CONSULTING CHEMISTS
Petroleum Oils, Waxes, Greases, Soaps, Fuel Oils, Coal
Phone Hanover 2-3772
128 Water Street New York City, N. Y.

Sadtler, Samuel P., & Son, Inc.
Research and Analytical Chemists
CHEMICAL ENGINEERS
Patent and Legal Testimony
210 South 13th Street . . . . . Philadelphia, Pa.
"Nothing Pays Like Research"

Bureau of Chemistry
New York Produce Exchange
H. S. Trevithick, Ph. B., B. S.
2 Broadway New York
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Feeds, Spices, Chemicals, etc.
Consultation—Research.

Collsol Research Laboratory
Consultants, Research, Analytical
WAX CONCENTRATES
HIGH MELTING SYNTHETIC WAXES and WAX SUBSTITUTES
370 Seventh Ave. New York City
PE 6-8581

Ekroth Laboratories, Inc.
Since 1889
General Industrial Problems — Analytical Chemical Bacteriological
Vitamin Assays and Biochemical Investigations
Foods, Processes, Products, Regulations
Chrysler Building, New York
Ekroth Building, Freeman and West Sts., Brooklyn, N. Y.

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
951-975 Frelinghuysen Ave.,
Newark, N. J.
Telephone: Bigelow 3-4020

Hochstadter Laboratories, Inc.
Chemical Analyses, Consultants, Technical Experts, Investigations, Litigation.
Coals, Oils, Water, Foodstuffs, Gelatine, Beverages, Dairy Products, Confectionery, Drugs, Minerals, Textile Materials, etc.
Phone LOngacre 5-5260/5261.
254 West 31st Street New York

Knight, B. H.
Analytical and Consulting Chemist
80 East 41st Street New York
OFFICIAL ANALYST
U. S. Shellac Importers Assoc.
Am. Bleached Shellac Mfrs. Assoc.
American Gum Importers Assoc.

Laning Company, E. M., Inc.
Consulting Chemists
Specializing in Perfume, Toilet Preparations, Pharmaceuticals and Flavors Exclusively. Formulae Perfected. Problems Solved. Plants Equipped.
433 Stuyvesant Ave. Irvington N. J.
Phone Terrace 3-3626.
E. M. Laning, B. Sc., President.
Robert C. Pursell, Phar. D., V-Pres.

Manufacturers
who need Scientific and Professional Services, not only in the United States and Canada, but throughout the world, read the Oil, Paint and Drug Reporter every week.
They would be interested in your services.

Miel, George A.
Analytical & Consulting Chemists
Specializing in the:
Physical and Chemical Analysis of Paints, Varnishes, Shellacs, and materials of the Paint Industry. Consultation on Formulation and Processing of Paints, Varnishes and Shellacs.
128 Water Street HA 2-9096

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries.
Consulting Analytical and Research
647 W. Virginia Street,
Milwaukee, Wis.

Pacific Food & Drug Laboratories, Inc.
Specializing in
VITAMIN ASSAYS
and development work
Pacific Beach, California

Henry Roger
(Formerly Research Associate of Dr. Alexis Carrel, Rockefeller Institute)
Visual Proof in Industrial Processes with the aid of scientific photography and motion pictures. Microscopic research, photomicrography, micro motion pictures. Expert Advice and Testimony. Design and Construction of Special Apparatus.
Laboratory and Mailing Address:
Sandy Hook, Conn. Phone: Newton 65-3.
By app: 30 Rockefeller Plaza, New York

TEA SEED OIL TEST
Several months experience are back of our test for this adulteration in Olive Oil
Schwarz Laboratories, Inc.
Analysts, Biologists, Consultants
202 E. 44th Street New York, N. Y.

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. C., B. Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone Ashland 4-4343.
16 East 34th St. New York City

Snell, Inc., Foster D.
Chemists—Engineers
Every form of chemical service.
305 Washington St. Brooklyn, N. Y.

Stillwell & Gladding Established 1868
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerine, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers
130 Cedar Street New York

Vorce, L. D.
Chemical Engineer
Electrolytic Cells
Chlorine, Caustic, Hydrogen.
20 Norman Road Montclair, N. J.
Telephone 2-4516

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing on analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets,
Baltimore, Md.

Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Friday.....	39	151	351	111	45,620
Saturday....	38¾	90	422	5	46,037
Monday.....	38½	188	598	...	46,635
Tuesday....	38½	75	163	1	46,797
Wednesday..	38¼	75	197	1,957	45,037
Thursday ..	38½	100	201	...	45,238

PENSACOLA, Aug. 29.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	235	...	29,922
Tuesday	163	...	30,065
Thursday	146	...	29,889
Friday	73	...	29,912
Saturday	153	...	30,065

CHICAGO, Sept. 4.—Turpentine remains in moderately good demand. The price structure looks stable, ruling quotations having held unchanged recently. Orders are coming in fairly well for this season. Indications are that buyers are stocking up on material as they need it, both large and small interests alike. Ruling prices at the close of business last night were:—Five-drum lots, 49c. per gallon; five wood barrels, 54c.; single drums, 52c.,; single barrels, 57c.

LONDON, Sept. 4.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	39	6
Monday	39	6
Tuesday	39	3
Wednesday	39	3
Thursday	39	6
Friday	39	6

Stocks of American turpentine in London were:—

	Sept. 4.	Previous week.	Last year.
Barrels	11,796	12,765	4,847

Rosin.—Business here lacked snap but the movement of moderate quantities was fair and the market had a steady or firm tone as changes in quotations on most grades in primary centers were within comparatively small limits. A fair export inquiry was reported in the South and the call from domestic consumers was apparently not far from normal for this period of the year when consumers in many instances are inclined to follow a conservative policy in the matter of taking on supplies. Weather conditions in the South were generally favorable for operations in the woods and the movement to primary centers was rather liberal.

SAVANNAH, Sept. 4.—Changes in quotations on most grades of rosin were within comparatively narrow limits. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.90	$5.90	$5.95	$5.90	$5.92½	$5.92½
D	5.90	5.90	5.95	5.90	5.92½	5.92½
E	5.95	6.05	5.95	5.90	5.92½	5.92½
F	5.95	6.05	5.95	5.90	5.92½	5.92½
G	6.00	6.05	5.95	5.90	5.92½	5.92½
H	6.00	6.05	5.95	5.97½	5.92½	5.92½
I	6.00	6.05	5.95	5.97½	5.92½	5.92½
K	6.00	6.05	5.95	5.97½	5.92½	5.95
M	6.00	6.05	5.95	5.97½	5.92½	5.95
N	6.00	6.10	5.95	6.00	5.95	5.95
WG	6.45	6.45	6.35	6.35	6.25	6.25
WW ...	7.20	7.20	6.90	6.90	6.90	6.90
X	7.20	7.20	6.90	6.90	6.90	6.90

	Barrels					
Sales	400	448	862	667	572	608
Receipts...	1,668	1,496	2,138	1,605	2,218	1,441
Shipments.	...	1,571	2,457	30	3,177	284
Stocks ..	91,347	91,272	90,953	92,528	91,569	92,726

JACKSONVILLE, Sept. 3.—Rosin was fairly active with the tone of the market firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50
D	5.92½	5.92½	5.92½	5.92½	5.90	5.80
E	5.92½	5.92½	5.95	5.95	5.90	5.80
F	5.92½	5.92½	5.95	5.95	5.90	5.80
G	5.92½	5.92½	5.95	5.95	5.90	5.80
H	5.92½	5.92½	5.95	5.95	5.95	5.87½
I	5.92½	5.92½	5.95	5.95	5.95	5.87½
K	5.95	5.95	5.95	5.95	5.95	5.87½
M	5.97½	5.95	5.95	5.95	5.95	5.87½
N	6.00	6.00	6.00	6.00	5.95	5.87½
WG	6.30	6.20	6.20	6.15	6.15	6.05
WW ...	7.00	6.90	6.90	6.90	6.80	6.75
X	7.00	6.90	6.90	6.90	6.80	6.75

	Barrels					
Sales	290	78	532	708	951	882
Receipts...	1,714	1,144	1,640	1,123	1,303	1,027
Shipments.	1,158	1,557	3,522	33	449	...
Stocks ..	64,493	64,080	62,198	63,288	64,142	65,169

PENSACOLA, Aug. 29.—The rosin market had a steady tone. Receipts were somewhat larger. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	508	544	...	395	358	362
Shipments	300	610	...	1,015	812	775
Stocks ..	35,539	35,473	...	35,181	34,727	34,314

CHICAGO, Sept. 4.—Rate of business in the rosin market is slightly slower than has been the case in recent weeks, but tone of the dealings is being maintained at a healthy level. Buyers seem to be interested in taking care of their needs promptly and amply, so that there is still a good flow of orders. Prices are a little below recently attained levels. Ruling prices at the close of business last night were:—B grade, $8.45 per lot of 280 pounds; G grade, $8.45; M grade, $8.45; W. W. grade, $9.40.

LONDON, Sept. 4. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	15	7½	17	9
Monday	15	7½	17	9
Tuesday	15	7½	17	9
Wednesday	15	7½	17	9
Thursday	15	7½	17	9
Friday	15	7½	17	9

Pine Oil.—Conditions remained about as noted in the previous week with consumers inclined to follow a conservative course in making purchases. The market retained a steady tone.

Pitch. — Quotations were generally stationary and the tone of the market remained firm. There was apparently no broadening of trade but a fairly active demand was noted from local and other buyers.

Rosin Oil.—The market retained a firm tone in the absence of any material change in the position of basic material in primary centers. Business lacked snap, but there was a fair demand for moderate lots.

Tar.—The situation lacked new features, prices being held at previous levels. Business was fairly active.

Shellac

Demand for shellac was light last week. The season of the year, together with the pending holiday combined to keep new orders down to a minimum and to make the market one of nominal activity. Most factors looked for a recurrence of a more active demand after the Labor Day lay-off and, as business throughout the Summer has been light, it may well be that substantial broadening of request may come early in September. Prices continued unchanged but they were subject to an undercurrent of competition. Stocks of shellac on this market seemed entirely adequate to cope with whatever expansion in demand may develop at an early date.

London, Sept. 4.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	September 4— Shillings. Cwt.	Cents. lb.	August 28— Shillings. Cwt.	Cents. lb.
October...	51	11.1	52	11.3
December..	52	11.3	52½	11.4

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— October.	December.
August 28.....	52s ..	52s 6d
*August 29.....	... ..	... ..
August 31.....	51s 6d	52s ..
September 1.....	50s 6d	51s 6d
September 2.....	50s 6d	51s 6d
September 3.....	51s ..	52s ..
September 4.....	51s ..	52s ..

* No cables received here.

Calcutta, Sept. 4.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound— Sept. 4.	Aug. 28.
September	11⅜c	11½c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
August 28.....	11½c	Steady
*August 29.....	.....	.....
August 31.....	11⅜c	Easy
September 1.....	11⅜c	Easy
September 2.....	11⅜c	Easy
September 3.....	11⅜c	Easy
September 4.....	11⅜c	Easy

* No cables received here.

(Continued on page 54)

Bernard Baruch has resigned his position as chief technologist for the M. J. Merkin Paint Company, and is now with L. Sonneborn Sons, Belleville, N. J., in the capacity of chief chemist of the paint and varnish division.

Oils, Fats and Waxes

Coconut Oil Again Higher with Offerings Light—Chinawood Still Unsettled—Linseed Quiet and Easier—Narrow Changes in Cottonseed Oil—Perilla Firmer—Tallow Steady

There were comparatively few changes in quotations on miscellaneous oils, fats and greases last week, such as occurred being rather narrow. Advances continued to outnumber reductions, however, and at the close of the week the prevailing tone was firm. Paint oils in some instances were fairly active but as a rule buying was limited to unimportant quantities, few consumers being inclined on the eve of Labor Day holidays to purchase ahead to any material extent. Late in the week offerings of many domestic and imported commodities were light and in view of the favorable character of reports from many points, concerning the trend in industries in which the consumption of raw materials is large, there was a disposition in selling quarters here to take a rather optimistic view of the outlook for business in oils and fats with the approach of the fall season.

The Hankow market for chinawood oil was still unsettled and frequent fluctuations again occurred in local and Pacific Coast markets for this commodity, the developments in this respect having a tendency to keep business down to small proportions. Coconut oil remained in a firm position, prices again advancing with offerings light at the higher level. A further advance occurred in rapeseed oil owing to a shrinkage in supplies. Olive oil of all descriptions continued nominal in the absence of any change for the better in political conditions abroad. Among the animal products, lard was irregular on spot in company with futures in the west. Stocks of lard in Chicago showed an increase during August as compared with a sharp decrease in the same time last year. Tallow was quieter, consumers being inclined to hold off for fresh developments, but offerings were light and the market had a steady tone. Fish products were generally well maintained here and in outside markets.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Coconut oil, crude, ½c. per lb.
Palm oil, ⅛c. to ¼c. per lb.
Perilla oil, tanks, ½c. per lb.
Rapeseed oil, denatured, 1c. per gal.
Sunflowerseed oil, ¼c. per lb.
Teaseed oil, ¼c. per lb.

Reduced

Lard, Western, 30c. per 100 lbs.
Linseed oil, 2-10c. per lb.
Peanut oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
136.4	136.4	131.4	134.6

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—Local and Pacific Coast markets were still more or less unsettled last week, this condition being a reflection of the situation abroad where prices continued to show irregularity with the changes reported as rather frequent. At one time old crop oil in tank cars was quoted on the Atlantic Coast at around 15c. per pound, but later on there were sellers at about ½c. under that figure. Quotations on new crop oil covered an unusually wide range and this had the effect of checking business, sellers as well as buyers being more or less confused. Transactions for the week were apparently rather light though in some cases an improvement was noted in the volume of business closed for the period as compared with the previous week.

Coconut.—The situation continued to be featured by a firm tone although there was little to record in the way of activity as offerings were still light here and on the coast. In the latter center business was said to have been hampered by labor troubles. In the local market prices for crude oil were advanced another ⅛c. to 5⅜c. per pound in tankcars, this figure apparently being more or less nominal. The reserved attitude of sellers was attributed mainly to the strength of copra abroad, where European interests are reported to have been absorbing much of the supply for some time past. Edible oil was also firm though prices were without quotable change.

Corn.—With offerings of crude oil still light the market remained in a firm position despite a somewhat easier tone in competing product. Grain showed irregularity, but reports in regard to production this season were still decidedly bullish. Refined oil was in fair demand and firm.

Cottonseed.—Edible oil remained firm but prices were without quotable change. Business lacked snap but the inquiry for moderate quantities was fairly active. Imported oil was quiet with offerings light and prices steady.

Olive.—In the absence of any change for the better in political conditions abroad the market here remained firm, this applying to all descriptions. Spanish oil was scarce and supplies of other kinds were said to be light and steadily diminishing. Quotations were nominal. Foots met with a fair demand in a jobbing way and the market retained a steady tone.

Palm.—Quotations were ⅛c. to ¼c. per pound higher on spot and for shipment with offerings light and the tone of the markets firm here and abroad. There was a fair inquiry but in view of the reserved attitude of sellers transactions were apparently limited to unimportant quantities.

Perilla.—Demand was fairly active and the market had a firm tone. Sales were reported in tankcars on spot at 9⅜c. per pound and there was apparently little available at less than that figure. Oil in drums was quoted at 9¾c. to 10c. per pound and some business was reported to have been closed within the range.

Rapeseed.—A firmer tone on spot was the result of a shrinkage in stocks and uncertainty concerning future supplies. Business was reported to have been closed at 67c. per gallon and in some quarters a higher figure was quoted for spot supplies. Shipments of seed from India to the United Kingdom and the Continent from January 1 to August 12 were 22,800 tons against 6,900 tons in the same time last year.

Soybean.—The market was quiet but the tone remained steady with selling schedules held at previous levels by producers. Bullish views were still held in some quarters concerning production for the current season as compared with the previous year.

Sunflower.—The market was firmer with a somewhat better inquiry. Supplies were reported as light on spot and prices were advanced ¼c.

Markets at Other Centers

San Francisco, Aug. 31.—There was an irregular demand here for vegetable oils during the period just passed, in which prices in the market shifted fractionally both ways. All in all, business was light, compared to the activity of previous weeks. An interesting development of the week centered around a strike of warehousemen in a large local coconut oil plant, which has tied up shipments, and at this writing there is apparently no respite in view.

Ruling prices are:—

BABASSU.—Quoted at 7⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is quoted at from 4⅞c. per pound in tankcars, f.o.b. Pacific Coast mills or dock (subject to strike conditions prevailing), September-November shipment. Futures nominal.

COPRA.—With sellers taking definite control of the market, copra last week developed further firmness and gained several points in price. Bids of local buyers for the most part were met with counter offers of a higher nature by sellers. There were probably no important commitments made, however, as crushers here were inclined to wait for some sort of reaction and business was mostly hand-to-mouth. Quoted at 3.05c. to 3.10c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $33 per ton for domestic, ex mill, subject to strike conditions prevailing. Philippine meal quoted at $31.25 ex dock, San Francisco.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

CHINAWOOD.—Steady to stronger. Quoted at 15¼c. to 15½c. per pound in tankcars, f.o.b. Pacific Coast ports, September-December shipment. Sales have been light.

KAPOKSEED.—Foreign crude oil is quoted at 8¼c. per pound in tankcars, f.o.b. Pacific Coast ports. Bleachable grade, 8¾c. Stocks are reported as light.

COTTONSEED.—Semi-refined foreign oil is quoted at 9¾c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, September-November shipment.

PERILLA.—Japanese oil is quoted at 9⅛c. to 9¼c. per pound in tankcars, prompt to December-January shipment from the Pacific Coast out of storage.

HEMPSEED.—Crude oil is quoted at 8c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 8¾c., prompt shipment. Refined oil quoted at 9c. per pound in tankcars, with drum lots at 9¾c., ex warehouse.

SESAME.—Crude oil is quoted at 9¼c. per pound in tankcars, f.o.b. mill, prompt shipment, Pacific Coast.

Chicago, Sept. 4.—The few price changes in the crude vegetable oil market have been in the direction of a slight strengthening trend. Small fractions represent about the only new development in recent days.

COCONUT.—Crude oil, 4⅞c. to 5c. per pound, tankcar, Pacific Coast. Refined, edible oil, 10c. to 10⅛c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CORN.—Crude, low acid, 9¾c. to 9⅞c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11½c. to 12c., barrels, car lots; and 12c. to 12½c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 17¼c. to 17⅜c. per pound; futures shipments, 15¼c. to 15⅜c.

SOYBEAN.—Crude, prompt shipment, 8c. to 8¼c. per pound, mills; and 9½c. to 9¾c., drums, car lots, Chicago.

PEANUT.—Crude, 8⅞c. to 9c. per pound.

Chicago, Sept. 4.—Price range on soybeans for the week ended September 5:—No. 2, yellow, high, $1.51; low, $1.50.

Linseed Oil

Changes in flaxseed quotations in domestic and foreign markets were gen-

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed IVORY BRAND
RED OIL (OLEIC ACID)
RUBY OLEINE BRAND (distilled)
STAR BRAND (saponified)
CANARY BRAND (very pale yellow, especially suitable for best types of dry cleaners' soaps.)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yoppe, Robinsons, Bentleys, A. B. C. 5th Edition

BRAZIL WOOD OIL CORPORATION
SPOT FUTURES
Direct Importers of OITIOIL
NEW CROP
Laboratory controlled, uniform, Raw OITICICA OIL
136 LIBERTY STREET Samples available NEW YORK

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID STEARIC ACID RED OIL
FATTY ACID GLYCERINE
STEARIC and BEESWAX CANDLES CHURCH ACCESSORIES
Sales Office: 122 East 42nd Street New York
Factories: Newark, N. J., and Baltimore, Md.

OILS
CHINA WOOD OIL
OITICICA OIL
PERILLA OIL
Crude & Processed Grades
VARNISH GUMS
L.N. JACKSON & CO. Inc.
29 BROADWAY NEW YORK, N.Y.

Stearic Acid
for all purposes
RED OIL · · · GLYCERINE · · · CANDLES
THE M. WERK CO., CINCINNATI, OHIO, U. S. A.
Established 1832
New York Sales Office • 15 Moore St., • New York City
Chicago Sales Office • 4103 So. La Salle St., • Chicago, Ill.

erally within moderate limits. Linseed oil was quiet and easy. Cake and meal steady.

Flaxseed—DULUTH, Sept. 4.—Weakness developed this week. Lack of speculative buying interest appeared to be the chief motivating force as prices underwent a 3c. reaction Tuesday. While the government report on the domestic crop Sept. 10 is expected to show a downward revision from the August 10 estimate of 6,342,000 bushels, the trade is becoming more concerned with the new crop situation in Argentina, since it is expected that country will be called upon to make up this year's deficiency in domestic production. While summer inquiry for linseed oil has been slow, a pickup is looked for during the Fall months as business improves and building awards increase. Local cash business has been quiet, due largely to a dearth of receipts, with seed being held back in the country owing to the elevator workers' strike in Minneapolis.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.08	$2.08	$2.08
Monday	2.07½	2.08	2.07
Tuesday	2.05	2.05	2.04
Wednesday	2.02	2.02	2.00
Thursday	2.02	2.02	2.01
Friday	2.05	2.05	2.04

Crop movement in bushels follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week..	135,698	3,089	176,622	....
Since Aug. 1...	421,935	8,357	264,527	4,963

MINNEAPOLIS, Sept. 4.—Demand for cash flax here was good most of the week on account of the loosening of the strike insofar as linseed mills were concerned but with the situation tightening up again buyers are getting nervous. One of the mills was closed down again on Tuesday. Demand from outside mills still is good and there is always an outlet through diversion points for shipment to the head of the lakes. Today premiums advanced a cent on seed for re-shipment or for delivery at the head of the lakes. Offers have been very light from day to day.

Deliveries on September contracts rather surprised the trade because of the scarcity of seed here and in sight for nearby delivery. One of the crushing companies tendered the stuff and another took it. Out of the original 20,000 delivered Tuesday 5,000 bushels appeared as re-deliveries today. Local public elevator stocks evened up in four days.

Line elevator companies are holding up their shipments from the country on account of the strike. Farm selling is very moderate so there is very little increase in interior elevator stocks being made currently.

Spot No. 1 seed is quoted at 3c. under to 8c. over December. No quotations made on arrive seed from here.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.15	$2.09	$2.08
Monday	2.14½	2.07½	2.07½
Tuesday	2.12	2.04	2.04
Wednesday	2.08½	2.01½	2.00½
Thursday	2.11	2.04	2.03
Friday	2.14	2.06	2.06

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week..	39,000	640,350	42,560	11,200

WINNIPEG, Sept. 4.—The market for flaxseed futures was quiet with moderate changes in prices. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.66½	$1.67¾	$1.66½
Monday	1.66¼	1.67¼	1.66
Tuesday	1.65¼	1.66¼	1.64¾
Wednesday	1.64¼	1.65¼	1.63¾
Thursday	1.65½	1.66½	1.65
Friday	1.69	1.70	1.68

BUENOS AIRES, Sept. 4.—Opening prices per bushel on September contracts were:—

	Last week.	Last year.
Saturday	$1.25⅞	$1.03
Monday	1.25⅝	* ..
Tuesday	1.25⅝	1.03
Wednesday	1.26⅛	1.03⅞
Thursday	1.26⅝	1.04¼
Friday	1.27⅛	1.02½

* Holiday.

Exports

	Bushels		
To—	Last week.	Previous week.	Last year.
United States	563,000	20,000	135,000
United Kingdom	.....	4,000	110,000
Continent	217,000	449,000	429,000
Orders	83,000	.....	673,000
Others	12,000	.....	8,000
Totals	875,000	473,000	1,355,000

Since January 1

	Bushels	
To—	This year.	Last year.
United States	8,165,000	11,678,000
United Kingdom	811,000	948,000
Continent	20,090,000	28,577,000
Orders	9,211,000	15,481,000
Others	2,089,000	2,066,000
Totals	40,366,000	53,750,000

Visible Supply

	Bushels.
Last week	5,512,000
Previous week	5,906,000
Last year	4,331,000

INDIA.—Exports of flaxseed from India last week were as follows:—

	Bushels		
To—	Last week.	Previous week.	Last year.
United Kingdom	612,000	240,000	56,000
Continent	.....	4,000	40,000
Others	.....	.....	.....
Totals	612,000	244,000	96,000

	Bushels	
Since April 1—	This year.	Last year.
United Kingdom	5,476,000	1,520,000
Continent	728,000	352,000
Others	60,000	76,000
Totals	6,264,000	1,948,000

HULL, Sept. 4.—Quotations on flaxseed were:—

	Per ton	
	La Plata.	Calcutta.
Saturday	£11⅞	£14⅛
Monday	11⅞	14⅛
Tuesday	11⅞	14⅛
Wednesday	11⅞	14
Thursday	11⅝	13⅞
Friday	11⅝	13⅞

Linseed Oil.—The market remained in an easy position in the absence of any improvement in business, the attitude of many consumers so far as the placing of contracts for additional supplies was concerned still being a waiting one. Quotations ranged from 9.5c. to 9.7c. per pound in tankcars and it was said to be possible to shade these prices on a bid.

Withdrawals on unfilled orders apparently held up well here and similar reports were received from outside centers, although labor troubles were said to be hampering shipments at some points. There was an impression among some that an expansion in new business may develop after the publication this week of the monthly government report on the flaxseed crop, the belief existing that the statement certain to be very bullish. Rains have been received recently in parts of the Northwest but the precipitation came too late it is contended to add materially to the yield. Predictions were heard that the government figures for September may fall below the August estimate when the indicated yield was put at 6,342,000 bushels.

Demand for cash flaxseed in the Northwest was reported as good with offerings well absorbed. The country movement was light and seemed likely to continue so, partly because of labor troubles, and also because of the small production.

Crop accounts from Argentina have latterly shown improvement. One report from an English authority said the seeding is now about completed and, although much was put into the ground very late, conditions in most sections are reported to be satisfactory. Recent cold weather has strengthened the plant and checked early season growth. According to a consular report the crop in Argentina during the 1936-1937 season, barring unforeseen circumstances, is expected to be quite large, adding that authorities there as well as linseed producers are said to be considerably concerned over the recent large increase in American imports of competitive paint and varnish oils from the Orient but the local press is said to be confident that the coming season will see an increase in linseed shipments to the United States.

Receipts of flaxseed at New York last week were 20,146 bushels. Exports from India were 612,000 bushels, all to the United Kingdom. Shipments from Argentina to the United States last week were 563,000 bushels making a total since January 1 of 8,165,000 bushels against 11,678,000 bushels in the same last year.

MINNEAPOLIS, Sept. 4.—The oil market is all cut up on account of the strike and there is nothing much to report. Just before the strike hit its first crest some of the buyers showed alarm and put away some stocks. Since then they have shown little desire to trade. Most of them are inquiring steadily. So far for the week ending today no tankcar lots have been disposed of by local crushers and very few cooperage car lots. Mostly the business consists of warehouse lots and even this trade is slack.

Shipping instructions are prompt and have been piling up for some time. Crushers took advantage of a lull in the strike to put out a lot of stuff and now are closed down again. Most of the mills can make their deliveries from another point so are not particularly worried over the outlook, although the ramifications will cost them money. They are in a position to let the strikers starve to death if it comes to a show-down.

Quotations on carload lots nominally 10.3c. per pound in cooperage car lots, 9.9c. in tankcar lots, 10.9c. in warehouse lots, f.o.b. Minneapolis.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	1,971,323	1,730,542

CHICAGO, Sept. 4.—The linseed oil market has given ground fractionally. Some observers think that the slight softness in quotations may be due in part at least to statistical considerations. Buying has not been exceptionally brisk and the supplies seem to be ample. The market is being closely watched for indications of future trend. Ruling prices of representative sellers are:—Tankcar, 9.9c. per pound; drums, car lots, 10.6c.; warehouse deliveries, five drums, 10.9c.

SAN FRANCISCO, Aug. 31.—The linseed oil situation here took a backward turn last week when lowered price schedules were announced to a trade that was not interesting itself in linseed oil in any form. Prevailing conditions were very quiet. Plenty of oil was on the market and some of it was in a position to move out on any reasonable bid. Meantime, there appears to be no let-up in contract movements. Most sellers report these are right up to date. Ruling prices are:—Tankcars, 10.3c. per pound; drums, car lots, ex-mill, 10.9c.; drum lots, ex-warehouse, 11.3c. Meal is quoted at $35 per ton.

LONDON, Sept. 4.—Quotations on linseed oil were:—

	Per cwt.	
	s.	d.
Saturday	25	1½
Monday	25	4½
Tuesday	25	4½
Wednesday	25	3
Thursday	25	1½
Friday	25	1½

Cake and Meal.—A steady tone prevailed, quotations on both cake and meal on spot being maintained at previous levels in the absence of any important change in the position of flaxseed. The export inquiry for cake was rather slow. The movement of meal to domestic buyers apparently held up well, although more favorable reports were received from some sections concerning pasturage.

MINNEAPOLIS, Sept. 4.—There is a ready and general demand for linseed meal but the strike has messed things up completely so it is almost impossible to crush meal or make deliveries of same. Shipping instructions are piled high and crushers are unable to take care of them. One company is shipping supplies from eastern mills as far west as Chicago in order to take care of contracts. Mills located outside of Minneapolis are doing very well with their output. Meal is wanted over a wide area but the crushers cannot make or distribute it under present conditions and quotations mean nothing.

Quotations on carload lots f.o.b. Minneapolis, 30 percent protein, 100-pound sacks, $42.50 to $43 per ton, 37 percent protein, $46.50 to $47 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	2,230,854	4,162,487

CHICAGO, Sept. 4.—The linseed meal market has been just about holding its own, insofar as prices are concerned. Trade is in fair volume at this time. Inquiries have come in fairly actively from the feeders, indicating that they have not yet fully satisfied their requirements. Most of the business is reported to be in lots of limited size. Resellers are a market factor of fair consequence at this time. Ruling prices are:—Round lots, $45 per ton, partly nominal; car lots, $45 to $46; less than car lots, $47 to $47.50.

Cottonseed Oil

The market for cottonseed oil futures was quieter with changes in quotations generally narrow. Southern offerings remained light. There was still a tendency to reduce cotton crop estimates.

Cottonseed Oil.—Quieter conditions prevailed in the market here for refined cottonseed oil futures last week on the eve of the Labor Day holidays, the market being closed from Friday last till tomorrow morning. In such circumstances traders were disinclined to add materially to their commitments on either side of the account and operations were to some extent of an evening up character. Also the monthly government cottonseed report is due late this week and uncertainty as to the probable showing in the matter of consumption of oil during the past month had a tendency to make traders cautious. The same apparently applied to the monthly government report on the cotton crop, which is due early this week.

Estimates of the cotton yield from private sources published during the week showed a reduction in the indicated crop within a month and there was a disposition among traders in some cases to revise crop ideas downward. As to the consumption report, the

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

CHLOROPHYLL

We can now furnish the following standard grades at reasonable prices:

Oil Soluble — **Grade F*** — **Grade FCA**

Water Soluble — **Grade W*** — **Grade WC**

Alcohol Soluble — **Grade ACA**

*** Indicates a grade without copper added**

WRITE FOR INFORMATION AND INDICATE GRADE DESIRED

AMERICAN CHLOROPHYLL, Inc.

Alexandria, Virginia

Sales Office: General Electric Bldg., 570 Lexington Avenue, New York, N. Y.

RE-FINED EDIBLE

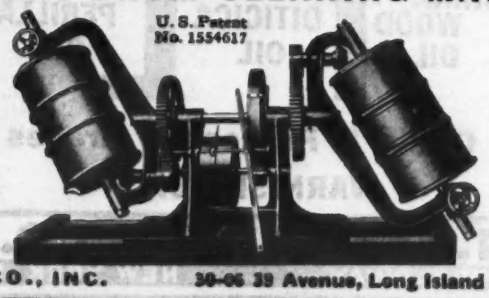
TEASEED OIL

WECOLINE PRODUCTS INC *FIFTEEN EAST 26th ST. NEW YORK CITY*

A PATENT DRUM-CLEANING MACHINE

Let the "GYRO" clean your drums. Does the work thoroughly and in the shortest possible time.

Can be used also for mixing dry or liquid materials, for coating the interior of barrels, and for polishing small articles. Built in three sizes, adjustable to all standard-sized drums. Write for particulars.



U. S. Patent No. 1554617

F. AUE CO., INC. 30-06 39 Avenue, Long Island City, N. Y

FALKOVAR YY

This is a new oil, low in price and high in quality, which is finding excellent application in Red Oxide Paint, Tinners Red, Freight Car and Maintenance Paints, as well as a base for Tints.

Samples and descriptive literature sent upon request

FALK & COMPANY

PITTSBURGH, PA.

opinion existed in some quarters that the disappearance of oil during the past month would again make a bullish showing though ideas on this point, as usual, differed.

Prices showed irregularity, but changes were not very important, there being little disposition, as already intimated, to take the aggressive on either the buying or the selling side of the market. There was some selling supposedly of a hedging character, but pressure from this source was not pronounced and, according to some in the trade, no material change in the situation in this respect is likely to be witnessed until the movement of seed to the mills increases materially. Marketing was interfered with to some extent last week by rains which checked picking. Southern markets for crude oil appeared to have a steady or firm tone in the absence of any increase in offerings. Memphis reported a few sales late in the week at 8¾c. per pound, with 9c. asked later on. The markets for lard and grain futures showed a downward trend at times, but cotton displayed firmness, sentiment in that quarter apparently being influenced by the tendency to reduce estimates of the crop.

The Chicago monthly statement of lard stocks made a bearish showing, supplies there increasing about 1,160,000 pounds during August as compared with a decrease of 9,800,000 pounds during the same month last year. Stocks there on September 1 were 64,985,143 pounds against 63,826,229 pounds on August 1 and only 20,647,922 pounds a year ago. The weight of the hogs received in Chicago during the week ended August 29 averaged 267 pounds, the same as in the previous week. Receipts of hogs in the principal Western markets for the first four days of last week were 175,700 head against 97,400 head for the same time last year.

The weekly government weather and crop report stated that in Texas rains were helpful in central counties and along the coast, but they were too scattered to be of much benefit in the north, where the conditions of cotton ranges from poor to only fair. In Oklahoma drought continued unabated and decidedly unfavorable. In the central states of the belt showers were helpful. From Alabama eastward and northeastward progress was satisfactory.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 29 to September 4, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales. Tanks.
September ..	10.23	10.00	10.28@10.30	11
October	10.30	9.99	10.30 sale	50
November ..	...	...	10.25 nom.	..
December ..	10.30	9.97	10.30 sale	142
January	10.26	9.97	10.28@10.32	53
February ...	...	...	10.25 nom.	..
March	10.32	9.98	10.32@10.33	147
April	...	...	10.32 nom.	..
Total sales (2 switches).....				405

Crude, Southeast, 8.75c. nom.
Valley, 8.75c. nom.
Texas, 8.62½c. nom.

Chicago, Sept. 4.—The cottonseed oil market has tended a shade easier here and there, while the volume of business that has been transacted seems to be little changed. Small fractions of a cent are the only difference in prices compared with a week ago. Tone generally is fairly steady. Good, off-Summer yellow fig oil is 10¼c. Refined, edible oil is quoted at 11c. to 11¼c. per pound, barrels, car lots; and 11¼c. to 11⅜c., barrels, less than car lots.

Hull, Sept. 4.—Quotations on cottonseed oil were:—

	Refined. Per cwt.		Egyptian crude. Per cwt.	
	s.	d.	s.	d.
Saturday	32	0	29	6
Monday	32	0	29	6
Tuesday	32	0	29	6
Wednesday	32	0	29	6
Thursday	32	0	29	6
Friday	32	0	29	6

Cake and Meal.—There were reports of some irregularity in prices in parts of the South early in the week but a rather firm tone apparently prevailed later on. Rains interfered with the movement of seed to the mills in some sections and offerings of product were therefore light.

Markets at Other Centers

Atlanta, Sept. 2.—Cottonseed prices are slightly lower. Meal has advanced 50c. per ton. Hulls are marked down heavily and oil is weak.

Crop conditions are unchanged. Hot weather has caused opening of bolls, and a late top crop is not promising.

Quotations of this market are as follows:—

OIL.—Prime crude, 8⅝c. per pound.
MEAL.—7 percent, $32 per ton.
HULLS.—Loose, $11 per ton.
SEED.—$31 per ton, rail points, interior Southeast.

Memphis, Sept. 4.—Crude cottonseed oil ruled firm during the week. The last sales were at 8¾c. per pound, Valley basis, with that figure now bid. Some scattered lots are available at 9c. Meal advanced $1 per ton this week, due to heavy rains which are delaying marketing of seed and relieving selling pressure. For 41 percent meal $30.50 per ton quoted, Memphis basis, and $28 per ton Valley points. Attention of the trade is now concentrated on the next government cotton crop report with a wide difference in guesses as to the probable figures. Private estimates are causing some concern in trade circles, with a majority looking for a government estimate under 11,850,000 bales. Additional rains forecast in this section.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	August 28.	September 3.
September	$30.60@30.90	$29.85@30.50
October	30.65@30.90	30.25@——
December	30.65@30.90	30.35@30.60
January	30.60@30.75	30.40@30.75
March	31.00@31.50	31.00@——

Animal Oils

Degras.—The market retained a firm tone with a fairly active demand reported from local and other consumers. Supplies of imported product on spot appeared to be light or moderate and no increase was reported in offerings for shipment.

Lard.—There was apparently no change in the character of business, consumers being inclined to adhere to a conservative course in purchasing operations with the call for moderate lots fair. The tone was steady.

Neatsfoot.—Quotations were maintained at previous levels. Consumers showed little disposition to provide for future needs and business was generally limited to comparatively small or moderate quantities.

Oleo.—Prices remained where they stood at the close of the previous week with some increase noted in the call from local and other buyers.

Markets at Other Centers

Chicago, Sept. 4.—There is a fair amount of activity in the animal oils. Market values have been able to hold their own on the basis of the current orders, or, in the case of tallow oils, to show slight fractional improvement. Most of the inquiries concern limited volumes of material for early shipment, indicating stocks are low.

LARD.—No. 1, 9⅞c. to 10c. per pound; No. 2, 9⅝c. to 9¾c.

OLEO.—No. 2, 9¼c. to 9⅜c.

TALLOW.—Acidless, 8¾c. per pound, tanks; 10c., drums, less than car lots.

Fish Oils

Cod.—General conditions remained about as noted in the previous week. Supplies continued to be reported as light with indications apparently lacking of any material change in the situation in this respect in the near future.

Menhaden.—There were reports of a somewhat better inquiry for refined oil from local and other consumers but aside from this the situation lacked features of interest. The tone remained steady and quotations were maintained at previous levels. Reports concerning fishing operations were less favorable in some instances and offerings of crude oil continued to be reported as light, buyers and sellers being apart in their views as to values.

Sardine.—Selling schedules were held at previous levels by refiners with the tone of the market steady. There was a fair demand though business lacked snap. Crude was steady on the Coast.

Whale.—Business in refined oil continued along conservative lines, the call for moderate quantities being fair. The market was steady.

Markets at Other Centers

San Francisco, Aug. 31.—Sardine oil has fallen into a rather lethargic market position and last week failed to develop much of interest here. One resale lot of some 10 tankcars was said to have gone into contract at a reduced figure of 31 cents, but first hand sellers as a rule had their ideas staked at something above 32 cents per gallon and it was at times difficult to find genuine offerings. Buyers were simply not in the picture—their thoughts were more around the 30-cent level if at all.

With fishing fleets deserting the Coos Bay region of Oregon, wherein is situated the major portion of Oregon's new shore reduction factories, to work in the more lucrative fishing fields off the California coast, Oregon sardine plants faced a complete shutdown last week. Catches in that district have been light all season, so light, in fact, that contracted receivers of Oregon oil are in a great number of cases going to be furnished only a portion of their contracts. What developments will occur in the Oregon industry for the balance of the year are at this time difficult to determine.

(Continued on page 52)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

One-hundred-fortieth Instalment

Electrical Insulation

Materials Used as Electrical Insulators

Albumen
Armite
Calcium oxide
Celite
Cellanite
Cellulose acetate
Cork
Gelatin
Glass
Lampblack
Magnesium carbonate
Magnesium oxide
Mica
Phenol-aldehyde condensation products
Porcelain
Rare earth compounds
Resins
Rubber
Shellac
Silica
Talc
Woodflour
Zircon
Zirconium silicate

Fireproofing

Materials Used as Fireproofing Agents

Ace
Alkali aluminates
Aluminates
Aluminum acetate, basic
Ammonium borate
Ammonium chloride
Ammonium metazincate
Ammonium orthozincate
Ammonium phosphate
Ammonium sulphate
Ammonium zincate
Antimony chloride, basic
Antimony oxychloride
Antimony salts
Antimony trichloride
Aroclor
Asbestos
Borates
Borax
Borax and alum
Calcium carbonate
Calcium chloride
Calcium bicarbonate
Calcium hydroxide
Calcium phosphate
Calcium sulphate
Calcium tartrate
Celite
Chlor compounds
Chlorinated hydrocarbons
Clay
Coal ash
Copper sulphate
Cuprous chloride
Diatomaceous earth
Hexachlorbenzene
Iron oxide
Kieselguhr
Lead silicate
Magnesium bicarbonate
Magnesium carbonate
Magnesium chloride
Magnesium phosphate
Magnesium sulphate
Mica
Mineral wool
Peat
Potassium aluminate
Pumice
Silica fiber, artificial
Sodium aluminate
Sodium borate
Sodium bicarbonate
Sodium carbonate
Sodium phosphate
Sodium silicate
Sodium sulphate
Sodium stannate
Sodium tungstate
Sodium xylylchlorosulphonate
Stacol
Stannates
Styrol resins
Tricresyl phosphate
Tungstates
Vinyl resins
Zinc carbonate
Zinc chloride
Zinc oxide
Zinc sulphate

Gallium

Ores in Which Gallium Occurs

Aluminum
Iron
Manganese
Zinc
Zinc blende

Solvents for Gallium

Acids, strong
Alkalies, strong
Ammonium hydroxide
Basic hydroxides, strong
Hydrochloric acid
Nitric acid
Potassium hydroxide
Sodium hydroxide
Sulphuric acid

Special Reagent for Presence of Gallium

8-Hydroxyquinolin

Gelatin

Colors for Edible Gelatin

Blue-indigo carmine solution
Green-mixture of indigo carmine and caramel
Red-cochineal
Violet-extract of cochineal and indigo carmine
Yellow-caramel and saffron (aqueous extract)

Colors for Technical Gelatin

Blue-water-soluble blues
Green-iodine green
Red-fuchsin or eosin
Violet-methyl violet
Yellow-picric acid

Special Reagent for Presence of Gelatin

Tannin

Gutta-Percha

Ageing Resisters for Gutta-Percha

Anilin
Di-isoamylamine
Naphthylamine
Piperidin
Pyridin

Components of Fillers for Gutta-Percha

Alcohols
Amyl alcohol
Amylene
Carbon bisulphide
Carbon tetrachloride
Castor oil
Chlorine
Chloroform
Corn oil
Cottonseed oil
Ethyl alcohol
Gasolene
Hydrocarbon, unsaturated
Hydrogen chloride
Hydroxy acids
Hydroxystearic acid
Hydroxystearosulphuric acid
Linseed oil
Methanol
Nitric acid
Oils
Olefins
Oleic acid, sulphonated
Sesame oil
Sodium oxychloride
Soybean oil
Sulphur
Sulphur dioxide
Sulphur chloride
Vegetable oils

Solvents for Gutta-Percha (Partly dissolving the substance)

Benzene
Benzin
Carbon bisulphide
Carbon tetrachloride
Chloroform
Halowax (in molten state)

Vulcanization Reagents for Gutta-Percha

Acetphenylenediamine-acetaldehyde
Aluminum oxide
Anilin
Antimony
Aromatic nitro derivatives of hydrocarbons
Arsenic compounds
Auratin
Auratintetranitrophenolphthalein
Barium oxide
Benzene
Benzidinacetaldehyde compounds
Benzoyl peroxide
Benzylamine
Benzylamineacetaldehyde compounds
Butylaldehydeanilin compounds
Butylaldehydediethylamine compounds
Butylaldehyde-ethylamine compounds
Butylaldehydeparatoluidin compounds
Cadmium compounds
Calcium oxide
Carbon bisulphide
Carbon dioxide
Carbon oxysulphide
Carbon tetrachloride
Cauprene bromide
Cauprene chloride
Cinnamaldehydeanilin compounds
Cinnamaldehyde-ethylamine compounds
Citronellalanilin compounds
Copper compounds
Dibenzylamine
Diethylamine
Diethylamineacetaldehyde
Di-isoamylamine
Dimethylamine
Dinitrobenzene
Dinitrotoluene
Diphenylamineacetaldehyde
Duodecylidinanilin
Ethylamineacetaldehyde compound
Flue gas
Glucose-ammonia compounds
Heptaldehydebenzylamine compounds
Heptaldehydediethylamine compound
Heptaldehyde-ethylamine compound
Heptaldehydemethylamine compound
Heptaldehydenaphthylamine compound
Heptaldehydeparatoluidin compound
Hexanitrodiphenylamine
Hydrocarbons
Hydroxylamine acetaldehyde compounds
Isobutylaldehydeanilin compounds
Lead compounds
Lead oxide
Litharge
Magnesium oxide
Manganese compounds
Mercury compounds
Methylamine
Methylamineacetaldehyde
Methylanilin, normal, compounds

(To be continued)

BOTH PRECIOUS!

TRADEMARKS, like children, are precious. They grow in stature according to the degree with which they are nourished and safeguarded.

★ ★ ★

For over 30 years, the products of the house of Baker have helped to safeguard the precious trademarks of their customers. In the laboratories of industry everywhere you will find Baker's C. P. Analyzed Reagents accurately measuring, to the decimal, quality and achievement.

★ ★ ★

More recently, manufacturers of well-known pharmaceutical products have also come to look to Baker for their Fine Chemical requirements. They, too, wanted measured purity, the finest their money would buy.

To these manufacturers of pharmaceutical and medicinal products, we wish to say "Thank you, and we re-pledge our research skill and control methods that your quality trademarks may be fully protected."

★ ★ ★

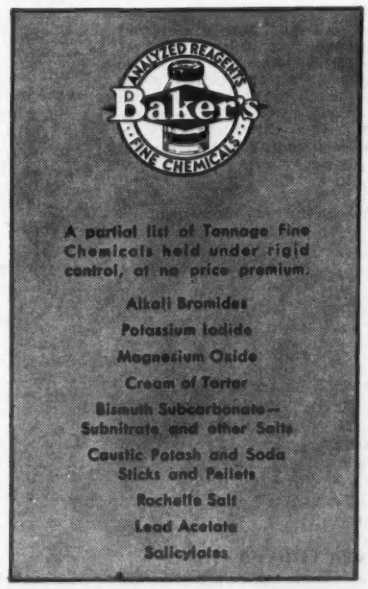
To those manufacturers who have yet to discover the full significance of the name Baker and Baker's Fine Chemicals, we make this suggestion: talk over your fine chemical requirements with the Baker representative. Ask him for a test sample on one or more items to meet your specific manufacturing requirements. If history repeats itself, we venture to predict you, too, will buy from Baker.

J. T. BAKER CHEMICAL CO., Phillipsburg, New Jersey

NEW YORK
420 Lexington Avenue

PHILADELPHIA
220 South 16th Street

CHICAGO
624 South Michigan Blvd.



Baker's fine chemicals

for Pharmaceutical Manufacturers

Drugs, Fine Chemicals

Quicksilver and Hard Mercurials Sharply Higher—Milk Powder Rises on Raw Material Scarcity—Berberine Sulphate Advanced —Alcohol Schedule Steady—Tartar Products Hold

Quicksilver and mercurials were eatured in the price developments on he market for drugs and fine chemials last week. Hard mercurials and uicksilver were up sharply. Menthol vas a stronger and somewhat higher tem and unskimmed milk powder was lso advanced. The balance of the narket showed firmness and general tability in the presence of a demand aid to be entirely normal.

The sharp advance in quicksilver rices resulted from inability to secure hipments regularly from Spain and he absence of substantial stocks of do-estic metal. The cost of manufactur-ng mercurials has therefore risen and

Price Changes

Prices were changed during the past week as follows:—

Advanced

Berberine sulphate, $1.75 per lb.
Calomel, 8c. per lb.
Corrosive sublimate, 6c. per lb.
Mercury oxide, yellow, U.S.P., 10c. per lb.
Milk powder, unskimmed, roller, 1½c. per lb.
spray, 1½c. per lb.
Quicksilver, $3.75 per flask.
Red precipitate, 10c. per lb.
Silver bullion, London, ⅛ pence per oz.
White precipitate, 10c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
180.1	**179.9**	**178.9**	**184.7**

Market news that may have developed after this report was sent to press will be found on page 4.

ence prices on the so-called hard nercurials were raised and those on he group of soft mercurials were ex-ected to be advanced soon.

The strength of milk powder was un-bated. Because of a further rise in he cost of raw material, manufacturers f unskimmed powder were forced to aise their quotations, but they did not hange the schedule on the skimmed nilk product. Domestic production is nsufficient to supply home require-nents. Hence foreign made material is eeded here, and is finding a ready narket.

Menthol was considerably firmer on pot and was priced more in line with he shipment quotations cabled from Japan. The spot quotations held firm t the recent advance notwithstanding he fact that demand was still some-vhat light. Camphor was steady, and mporters, as well as domestic manu-acturers, looked forward to good busi-ess this Fall.

Acid, Citric.—Business was somewhat uiet. The let-down in the consuming lemand was in keeping with the fact hat the more active consuming season f the year is about over. The Camera grumaria of Palermo says that the roduction of citrate of lime deposited vith that body on the Island of Sicily nd at Reggio Calabria during the ast season has amounted to a little ver 2,800 metric tons, of which about 50 metric tons were produced at Pal-rmo alone. It has been unofficially stimated that the production in the ast season, including that manufac-ured by the citric acid factories and ot deposited, amounted to 3,200 tons s compared with 4,600 tons in 1935. hese figures may be compared with ,150 tons in 1934 and 2,500 tons in 1933.

Acid, Lactic.—Business was not ex-ansive but on the whole it has been aintained at fairly satisfactory levels nd the price situation continued to e one featured by firmness and sta-ility.

Acid, Phosphoric.—Routine request eached a fair sized volume by the lose of last week and the firm market ndertones prevalent for some time past continued undisturbed. Supplies appeared to be sufficient.

Acid, Pyrogallic.—Consumption continued to be stimulated by seasonal influences and high quality material moved in good volume and at firm, well maintained prices.

Acid, Tannic.—Business was somewhat irregular from day-to-day and on the whole the total of transactions was moderate. Absence of greater interest in the article failed to affect prices adversely, the tendency being toward continued stability of values.

Acid, Tartaric.—Conservative trading was the rule but on the whole volume compared well with that normal for this article toward the close of the Summer period. Prices remained free from change.

Agar Agar.—The strong market on spot and at the source was unabated. All reports from the primary market show that a substantial part of new production has been sold and the balance still available is held in strong hands. Prices on spot were very firm.

Alcohol.—The price schedule for the coming season, complete in all its details, is not operative and, hence, the activities of the principal producers of alcohol are along the line of contracting as much alcohol as consumption is likely to require. The present drive is substantially in the field of anti-freeze requirements, and for some time to come stress on sale of completely denatured alcohol will be prominent. Prices for this season are low and should result in an excellent gallonage being sold.

Aloin.—Very good demand prevailed, although the takings were usually routine in size. The undertone of the market seemed to be very steady.

Ammonia Chloride.—Although a bit early in the season for important increase in sales, this article has already come in for more notice and the market proved to be well stabilized last week. The principal consuming season spreads ahead.

Berberine Sulphate.—A very sharp advance indicated an equally severe rise in the cost to produce this material. Quotations were established at $14.75 per ounce and the market was exceptionally firm at the rise.

Bismuth Metal and Salts.—Business was steady and fair in volume. With the price for metal showing continued stability, the entire group of bismuth salts were steady to firm and received the additional support of a very good consuming request.

Calomel.—Prices were advanced to $1.24 per pound to cover a higher manufacturing cost, the result of a much higher price on quicksilver.

Camphor.—Expansion in demand to cover the needs of buyers during the late Fall and early Winter months is expected. Prices held steady throughout the past week and the fair interest displayed in offerings aided to that end.

Castor Oil.—A market of steady undertones prevailed. Prices were fully maintained and the market seemed to lack any important amount of competitive tendency. Supplies were ample in all directions.

CHICAGO, Sept. 3.—The castor oil market has been holding fairly firm, and the demand for material is reported to be reaching rather favorable proportions. The price structure is reported steady. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11½c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅜c.; barrels, less than car lots, 11¾c.

Cocoa Butter.—Business was fair and prices held firm on the basis of the recent advance. Stocks were of moderate size, but some quarters expect they will show moderate increase as the season advances and output gains at the producing centers.

Codliver Oil.—Imports of codliver oil in 1935 shatter all previous records, according to the Department of Commerce. The total to enter the country was approximately 4,600,000 gallons. Since 1922, there has been a steady increase in consumption in this country. The spot market continued firm in keeping with the well sold ahead situation in the new Norwegian

urrent prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

C/P
CHEMICALLY PURE GLYCERINE U. S. P.
PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S P.
FLAG BRAND
All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
Stocks carried in New York and other cities
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK

The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
MUrray Hill 6-1990

HEYDEN
fine chemicals
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: GARFIELD, N.J. - PERTH AMBOY, N.J.

crop. Imports during the past five years were as follows:—

	Gallons.
1935	4,600,000
1934	3,470,000
1933	3,435,000
1932	1,248,00
1931	1,737,000

Corrosive Sublimate. — Quicksilver advances again sharply in a market stocked very lightly with that article. Spot quotations on corrosive sublimate were advanced to 93c. per pound on powder and granular material, and to $1.08 on crystals. The market was strong.

Glycerin.—A strong market continued, but further activity in prices was lacking. Prices on refined and crude glycerin have worked closer to a proper ratio. The outlook seemed to favor a somewhat improved situation as to supplies now that refiners can afford to buy more plentiful stocks of foreign crude. Also, with soapmaking on the increase, the output of crude from the domestic soap plants should increase and thus also ease the situation as to supply. Furthermore, second-hand operations in refined, at premium prices, are likely to be less of a factor in the market. Conditions were improved by the last rise in quotations.

CHICAGO, Sept. 3.—Following the recent change in c. p. glycerin prices, this product is strong and apparently a little more stable than before the increase. Contracts are being renewed at the higher prices. Tone generally is good. Ruling prices of representative sellers are:—C. p., drums, car lots, 17½c. per pound; drums, less than car lots, 18c.; cans, less than car lots, 19½c. to 20½c., according to quantity; dynamite, car lots, 17½c.; less than car lots; soaplye, 12½c. to 13c.

Menthol.—Trade continued to be quiet but prices firm at $3.35 to $3.45 per pound. The principal importers strove to keep their prices in reasonable alignment with the prevailing cost to replace in Japan and prices in that market proved to be well maintained during the past week. Stocks in the hands of the principal dealers were conservative. Concerning imports, the total arrivals in 1908—twenty-eight years ago—were 20,000 pounds. They increased almost every year until in 1918 151,000 pounds were imported. The high point of imports during the twenty-eight-year period was reached in 1926 when 459,000 pounds passed the customs. In 1928 they were down to 254,000 pounds. The record for the past five years, and for six months of 1936, was as follows:—

	Pounds.
1931	326,000
1932	351,000
1933	304,000
1934	425,000
1935	282,000
1936 (6 mos)	191,040

Methanol.—The price structure remained unchanged and appeared to be generally steady. Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the month of April, 1936 and 1935, include production figures for thirty-three manufacturers. Wood carbonized amounted to 48.825 cords for January; 47,253 cords for February, 1936; 45,384 cords for March; 51,323 cords for April; 41,413 cords for June, and 40,848 cords for July.

Production

	Gallons			
	1936.		1935.	
	Crude.*	Synthetic.	Crude.*	Synthetic.
Jan.	494,081	1,418,863	386,477	1,303,171
Feb.	494,081	1,540,171	363,781	1,126,799
Mar.	473,067	1,631,832	411,326	1,303,255
Apr.	428,313	1,692,921	450,941	1,167,262
June	413,930	1,863,406	385,472	1,196,186
July	374,110	1,950,825	379,309	1,278,505
Totals	3,106,153	11,853,015	2,829,628	8,580,316

* The refined equivalent would be approximately 82 percent of the crude production.

Mercurials. — Quotations on calomel, corrosive sublimate, yellow mercury oxide, red precipitate and white precipitate were advanced September 2 as the result of a severe advance in the price of quicksilver. New prices appear under separate reports on each item. To a late hour in the week, no change in the schedule on soft mercurials had been made.

Mercury Oxide. — Yellow mercury oxide was advanced to $1.71 per pound following a severe increase in production cost, the result of a further and very sharp advance in the cost of raw material.

Milk Powder.—The market was very strong and higher. Prices for raw material were advanced officially in the state of New York last week to cover in part the farmers' higher cost of feeding cattle. Home production of milk powder is insufficient to care for domestic consuming requirements and hence foreign manufactured powder is required to complete the tonnage needed. Quality of much foreign powder is lower than the domestic item. Prices on unskimmed, roller, carlots 21½c. per pound; less than carlots 22½c; spray, carlots, 21½c.; less than carlots, 22½c. Prices on skimmed lacked quotable change.

Quicksilver. — Quotations were advanced to $80 to $85 per flask. Offerings of domestic metal were about nil as sellers of the same were disposed to hold stocks for their regular customers. Spanish shippers were still unable to assure certain shipment of parcels to this country. Mexico remains about the only source from which metal comes forward steadily. A steamer, the Olympia, left Alicante, Spain, at some undetermined date and is due here September 9. Documents covering other Spanish products have reached this city and it may well be that the ship will also bring some quicksilver.

SAN FRANCISCO, Aug. 31.—Sweeping sharply upward, quicksilver has practically disappeared from this market as a reported deluge of buying orders from eastern users kept both local sellers and their New York agents busy refusing business last week. The little metal remaining here is held in strong hands but holders are not quoting. It was reported that the last sales of California metal were made at $80, New York basis. Bids are in hand here for quantities aggregating several hundred flasks at this figure. A cable from London sellers of Spanish metal, received here today, stated sellers were unable to offer.

Quinine.—The spot market was moderately active and most sellers were looking forward to an active period during the Fall Months. Prices were reported to be very firm. Imports of

CAMPHOR U.S.P.

SYNTHETIC

Available For The First Time IN ALL FORMS

POWDER 1 oz. TABLETS

2½ lb. SLABS ½ oz. TABLETS

Prompt Shipment From New York Stock

Write For Samples and Prices To

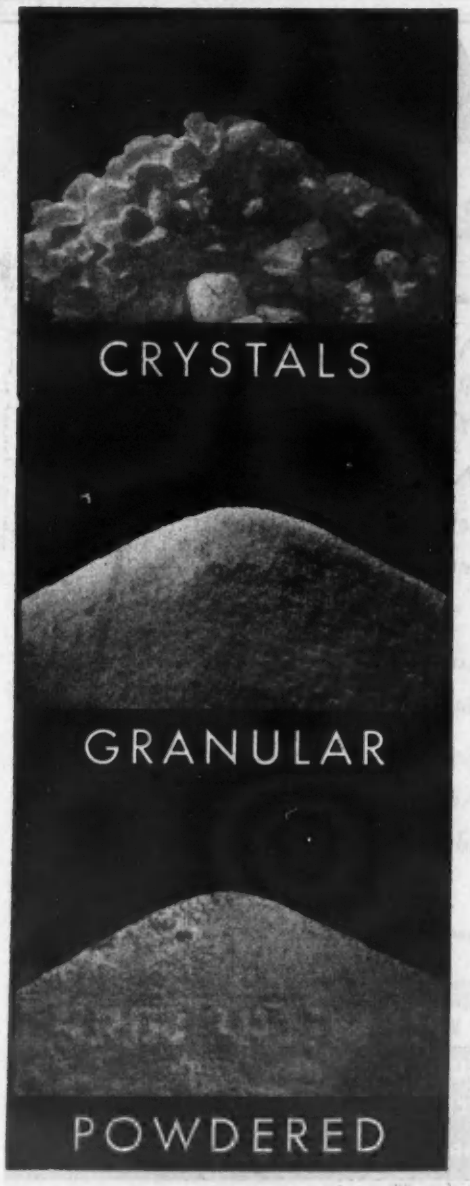
SHERKA CHEMICAL COMPANY, Inc.

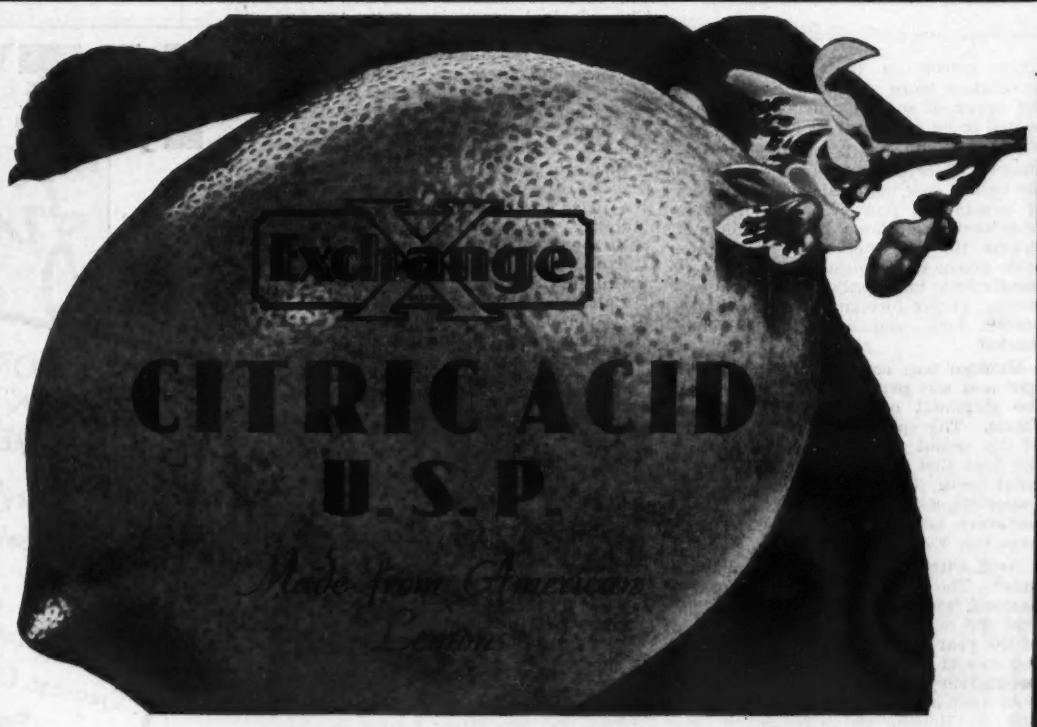
BLOOMFIELD, NEW JERSEY—*Importers*

or

GEORGE UHE COMPANY

90 EIGHTH AVENUE, NEW YORK—*Distributors*





Exchange Citric Acid U.S.P. is made by the Exchange Lemon Products Company of Corona, Calif. Backed by the Sunkist group of 13,200 citrus growers—largest in the world. Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

Products Department

CALIFORNIA FRUIT GROWERS EXCHANGE

ONTARIO, CALIFORNIA

189 W. Madison Street, Chicago, Illinois 99 Hudson Street, New York, N. Y.

Copr., 1936, Products Dept., California Fruit Growers Exchange

nine sulphate, of other quinine and loids, and salts from cinchona bark, cinchona bark during the past five rs were as follows:—

	Pounds. Cinchona Bark.	Ounces Sulphate.	Ounces Other Derivatives.
.....	1,618,000	1,442,000	2,416,000
.....	1,690,000	1,611,000	1,759,000
.....	1,814,000	1,639,000	1,256,000
.....	1,139,000	462,000	321,000
.....	1,581,000	1,499,000	755,000

ed Precipitate.—Quotations were ad-ced to $1.54 per pound to cover the h higher cost of quicksilver at this e. The market was very firm at the ance.

antonin.—The spot market was dy at unchanged prices but lack of vity was generally reported. Im-s of santonin during the past six rs were as follows:—

	Pounds.
.....	1,118
.....	1,177
.....	1,884
.....	261
.....	714
.....	275

he peak import during the past teen years was 2,007 pounds im-ted in 1927. During the period 1920 1935, santonin sold as high as $175 pound and as low as $26 per pound.

ilver Nitrate. — The schedule of es since the last reported prevailed he following, covering quantities of ounces; small lots cost from 1c. to more per ounce and quantities of ounces are quoted at about 1c. less. nparison of prices for bullion in w York and London are also pro-ed.

	Per ounce Nitrate. Cents.	Bullion New York. Cents.	Bullion London. Pence.
rday	32⅝	44¾	19⅝
day	32⅝	44¾	19⅝
day	32⅝	44¾	19⅛
nesday	32⅝	44¾	19⅛
sday	32⅝	44¾	19⅝
ay	32⅝	44¾	19⅝

hite Precipitate.—Quicksilver ad-ced sharply and was in light sup-late last week. Quotations on white cipitate were raised to $1.56 per nd to cover increase in production s.

inc Oxide.—Although quotations on er zinc oxide were scheduled last k to take effect October 1, but in-nation in hand indicated that there ld be no change in the price for U.S.P. product.

Ph. A. Urges New Federal Drug Laws

(Continued from page 5)

ging that greater attention be given he establishment of strictly profes-al pharmacies.

ging the establishment of interallied essional associations in each State.

pressing appreciation to Surgeon-Gen-Charles R. Reynolds and to Senator ris Sheppard for their co-operation in roving pharmaceutical practice in the ical department of the United States y in providing commission rank for macists.

edging support to State legislation iding for the appointment of pharma-on State and local boards of health.

pressing gratification of the work of American Council on Pharmaceutical cation in establishing educational dards for pharmacy.

pressing appreciation to the American ciation of Colleges of Pharmacy and he National Association of Boards of Pharmacy for the fundamental studies which they are making in the field of education and registration.

Urging that a study be made of the set-up of pharmaceutical organizations in order that there may be more effective co-operation between State and national associations.

Urging that the association continue its efforts to improve the pharmaceutical service in the Federal and State governments.

Commending the Federal Bureau of Narcotics for its co-operation with public health professions in the administration and enforcement of the Federal narcotic laws, and condemning any movement which will impair this relationship or in any manner adversely affect its enforcement efficiency.

Expressing appreciation to the members of the research committee of the United States Pharmacopeia, the National Formulary, and the Pharmaceutical Recipe Book.

Inviting the National Association of Boards of Pharmacy and the American Association of Colleges of Pharmacy to place their central offices in the American Institute of Pharmacy.

Asking that delegates from the association to the National Drug Trade Conference be appointed in such a manner that one will serve for three years, one for two years, and one for one year, and that their successors be appointed each for a period of three years.

Urging the continuance of the efforts of the U.S.P. and N. F. publicity committees in the several States.

Thanking Dr. H. C. Christensen and Miss Esther Barney for their splendid services in connection with the pharmacy exhibit at the Texas Centennial Exposition.

Officers Installed

At the final session of the convention the following officers for 1936-37 who had been elected during the year by mail ballot were installed into office: President, Dr. George D. Beal, Pittsburgh; first vice-president, J. Leon Lascoff, New York; second vice-president, James C. Munch, Philadelphia; members of the council, H. C. Christensen, Chicago; R. P. Fishelis, Trenton, and Ernest Little, Newark.

The association nominated the following members for office in 1937-38 to be elected by mail:—President, E M. Gathercoal, Chicago, E. R. Serles, Brooking, S. D., and D. B. R. Johnson, Norman, Okla.; first vice-president, Mac Childs, Eldorado, Kans., James C. Munch, Philadelphia, and E. B. Lynn, Boston; second vice-president, George C. Schicks, Newark, N. J., Fred D. Felter, Portland, Ore., and Glenn L. Jenkins, Minneapolis; members of the council, H. A. B. Dunning, Baltimore, S. L. Hilton, Washington, Roy B. Cool Charleston, W. Va., P. H. Costello, Cooperstown, N. D., C. Leonard O'Connell, Pittsburgh, H. Evert Kendig, Philadelphia, and Adolph Ziefle, Corvallis, Ore.

Dr. Willis D. Gregory, Buffalo, N. Y., who recently retired as dean of th University of Buffalo College of Pharmacy, was elected honorary president of the association.

Comment by Officers

Patrick H. Costello, Cooperstown, N. D., president of the association, in his formal address to the convention commented upon the increasing interest in the professional phases of pharmacy and in the number of professional type pharmacies which have been established in recent years and commended them for "enhancing the public estima

DOW SALICYLATES

Salicylic Acid, U.S.P. . . Acetyl Salicylic Acid, U.S.P. (Aspirin) . . Salol, U.S.P. . . Ammonium Salicylate, U.S.P. . . Sodium and Strontium Salicylates, U.S.P. . . Magnesium Salicylate and Methyl Salicylate, U.S.P.

Even to estimate the number of thousands who daily find thankful relief from their sufferings through Dow Salicylates would be exceedingly difficult, if not impossible.

That they do number thousands is, of course, obvious for Dow is a principal American producer of Salicylic Acid and its related products.

Yet, despite the large part Dow plays in the lives of millions, it remains unknown to them. As they step to the counter with prescriptions or for a prepared product they place their faith in the druggist or the name attached to the product of their choice.

But, to Dow, the reverse is, and always has been, true. Although Dow remains unknown to these millions of ultimate users, they are very important to Dow. They are our customer's customers which, after all, is the same as saying they are ours.

Thus, in its production of Salicylates —in working for that high point of purity that has given Dow the preference it enjoys—the satisfaction and benefit of the ultimate user is Dow's prime consideration.

DOW

THE DOW CHEMICAL CO., MIDLAND, MICH.
Branch Sales Offices:
30 Rockefeller Plaza, New York City; Second and Madison Streets, Saint Louis

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

PRIVATE FORMULA WORK

Lubricating Jelly

Why tie up capital in expensive machinery? Let us show you how you can be relieved of production, also packaging, shipping — even displays and advertising—efficiently and economically. We have complete facilities—strict confidence absolutely guaranteed. Conveniently located in the Metropolitan District. May we send a representative?

Also Headquarters for Drugs, Chemicals, Essential Oils and Allied Products.

ERHMANN-STRAUSS CO., Inc.
202 W. Houston Street, New York

: IT'S A DRUG • WE HAVE IT "

tion of our time-honored profession." He said:—

The association has, throughout the years, been committed to the very definite policy of continued improvement in the selection, education and training of pharmacists, in the regulation of the practice of pharmacy, in the standards of drugs, medicines and medical supplies, and in the service which pharmacy tenders to the people as an essential public health profession. Its activities have been confined, within reasonable limits, to the fulfillment of these aims, and yet other problems which have had an indirect bearing upon the welfare of those engaged in pharmacy have not been ignored. The association has been ever ready to support legislative and all other efforts to improve the status of pharmacy and of the individuals who practice it, with due regard to the public interest. It should be apparent to anyone who will review its record that our association, from its inception, has been consistent in its aims, has acted carefully and wisely, and has planned and progressed accordingly.

Dr. George D. Beal, president of the association for the ensuing year, addressed the convention at its final session, calling attention to the alliance between chemistry and pharmacy and urging that colleges of pharmacy become more research-minded and stimulate their faculties and students to contribute to the scientific advance of the profession. He urged that the membership of the association be increased in order that the organization may become more influential, and recommended that efforts be made to bring every student of every college of pharmacy into the association.

Pharmacopeial Plans

An extensive pharmacopeial program for the next two years was outlined to the convention by Dr. E. Fullerton Cook, Philadelphia, chairman of the U. S. P. revision committee. Dr. Cook announced that a series of articles outlining the use of official products in the treatment of various conditions will be published in the journal of the American Medical Association and in pharmaceutical journals to better acquaint physicians and pharmacists with the therapeutic use of these preparations. At the conclusion of the series the articles will be published as a book for the use of medical students, internes, and practising physicians.

Dr. Cook announced that the board of trustees would publish an annual supplement January 1 each year in addition to interim revisions to keep the pharmacopeia abreast of scientific developments. The annual supplement will appear as a paper-bound pamphlet and a spring-back binder will be made available for them.

Dr. Cook urged that the therapeutic and scientific status of the pharmacopeia be guaranteed by a very careful consideration of the qualifications of the revision committee personnel. He suggested that delegates to future U. S. P. conventions be required to show that they are qualified to speak for the organization they represent and that each delegation be permitted but one vote.

Because the practice of holding the A. Ph. A. convention immediately preceding the U. S. P. convention might be used to "work politically inspired cartels," Dr. Cook recommended that in 1940 the U. S. P. convention be called for the first Thursday, Friday, and Saturday of May and that the A. Ph. A. convention be held during the following week. Dr. Cook criticized the ruling that a person to be eligible to membership on the committee of revision or board of trustees must have been an accredited delegate to the preceding convention and urged that a plan be adopted making it possible to elect qualified individuals even though they have not been present at the convention.

The various conferences and sections of the association held interesting and well attended sessions, the scientific section, in particular, commanding great attention. Dr. J. C. Munch, Philadelphia, reported that at the present time there were approximately 600 pharmaceutical research workers in one hundred laboratories in the United States and its possessions who are studying some 1,500 research problems dealing with drugs and medicines.

Boards and Colleges

The National Association of Boards of Pharmacy and the American Association of Colleges of Pharmacy held their two-day annual meeting devoted to problems of education and registration.

The board association elected the following officers: Honorary president, George Judisch, Ames, Iowa; president, George A. Moulton, Peterborough, N.H.; vice-presidents, John Walsh, Lowell, Mass.; Roy Cook, Charleston, W. Va.; R. T. Walker, Nashville, Tenn.; S. Dretzka, Milwaukee; E. C. Severin, Philip, S. D.; Ned Milligan, Oklahoma City, Okla.; A. D. Baker, Denver; P. H. Brady, Spokane; secretary, H. C. Christensen, Chicago; treasurer, J. W. Gayle, Frankfort, Ky.; member solutions committee, A. C. Taylor, Washington, D. C.; member syllabus committee, M. N. Ford, Columbus, O.; member executive committee, Mac Childs, Eldorado, Kans.; member American Council on Pharmaceutical Education, Dr. Robert L. Swain, Baltimore.

The college association elected the following officers: President, Theodore J. Bradley, Boston; vice-president, W. G. Crockett, Richmond; secretary-treasurer, Miss Zada Cooper, Iowa City; members of executive committee, Dr. R. C. Wilson, Athens, Ga.; Dr. C. B. Jordan, Lafayette, Ind.; Dr. A. G. DuMez, Baltimore; and chairman of the executive committee, Dr. Ernest Little, Newark, N. J.

McGovern Assails Ban On Alcohol

(Continued from page 30)

mity of such a system would seemingly meet the requirements of the twenty-first amendment and be acceptable to the States. There is ample power and authority in title III of the national prohibition act to afford alcohol this protection.

It is still the duty of the Federal government to promote the use of alcohol for all industrial, nonbeverage, and lawful purposes, regardless of State lines. If this must be accomplished through co-operation with State authorities, the entire alcohol industry should contribute its utmost to Federal and State authorities toward making this possible. Alcohol must move in interstate commerce, and such commerce must be kept open at the threshold of every State with as little restriction as the States find necessary to impose.

New York Paint & Varnish Production Club's regular September meeting will be held September 17. Details of the program will be made known later.

Oils import tax regulations, as published by the Bureau of Customs in T. D. 48469, are being distributed in the form of a convenient pamphlet by C. J. Holt & Co., 8 Bridge street, this city.

HEADQUARTERS
for
AMERICAN BOTANICALS
GOLDEN SEAL ROOT, SENEGA ROOT, MANDRAKE, CASCARA
and more than 200 other varieties
AS FIRST HAND PRODUCERS OF MORE THAN TWO HUNDRED DOMESTIC CRUDE DRUGS, THROUGH OUR CHAIN OF COLLECTION STATIONS IN THE GROWING AREAS, WE OFFER UNRIVALLED FACILITIES TO BUYERS—WHETHER LARGE OR SMALL. PROMPT OR CONTRACT SHIPMENTS.
WIRE OR WRITE FOR SPECIAL QUOTATIONS
S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
205 E. 42nd St., New York, N. Y.

Lactic Acid
85%, 80%, 50%, 44%, 22%
TECHNICAL
EDIBLE
U.S.P.
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
Factory—Elizabethport, N. J.

Established 1910
HUISKING
IMPORTERS AND EXPORTERS
DRUGS, CHEMICALS, OILS, RAW MATERIALS, Etc.
Haarlem Oil, Genuine Dutch Klass Tilly
Camphor Synthetic, U. S. P. XI, DuPont
Camphor Natural, Japanese
Naphthalene, balls or flakes
Alkaloids
Cocoa Butter U. S. P. bulk or fingers
Lanolin U. S. P. Hydrous, Anhydrous
Lithol
Menthol
Spermaceti
Sulphur Precip. U. S. P.
Witch Hazel, N. F.
Sole U. S. Representatives for Shipkoff's OTTO OF ROSE
CHAS. L. HUISKING & CO.
— INCORPORATED —
Chicago Branch: 561 E. Illinois Street
155 Varick Street, New York, N. Y.

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
OXY-QUINOLIN
(8-HYDROXY-QUINOLIN)
Base or Sulphate

JAPAN WAX
Industrial and Fine
CHEMICALS
Since 1918 we have been serving many of the largest producers and consumers here and abroad with a service that has gained their
CONFIDENCE
H. H. ROSENTHAL CO., Inc.
AShland 4-7500 New York City 25 East 26th Street

Botanical Drugs, Gums

Guaiac More Plentiful and Prices Drop — Saffron Still Higher —Bryonia, Calamus, and Coltsfoot Rise—Paprika Prospects Good in Hungary — Ergot Still Nominal

Price advances in the market for botanical drugs slowed down somewhat during the past week. In recent periods, the trend upward had been substantial and broad. Hence, a period of pause was not unexpected and during the past week the market seemed to be taking stock of the general situation and to be awaiting further developments in the domestic and foreign markets. The undertone of the market was substantially firm at all times.

Crop conditions failed to improve. Almost without exception, news from the producing centers led to be conclusion that reserves wherewith to meet consuming requirements during the coming year will be conservative in size and show a first cost to the collectors that will make firm prices more or less assured.

The leading items continued to be Spanish products, so far as market comment went. Direct connection with Spain, when and if such connection took place, was general in character and gave no assurance of shipments of Spanish botanicals being normal in the future. The tendency here was to conserve unsold stocks and one of the best mediums to that end seemed, to the local dealers, to be the naming of prices high enough to discourage buying save by consumers in absolute need of supplies.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags	
	Detained.	Entered.
Anise	1,737	2,596
Caraway	4,333	15,397
Cardamom (cases)	150	1,682
Celery	96	1,843
Coriander	2,004	10,823
Cumin	719	4,558
Dill	56	330
Fennel	370	1,198
Mustard	...	11,888
Poppy	...	15,488
Sage leaves (bales)	52	183
Sesame	171	179,444
Thyme herb (bales)	102	662
Totals	10,457	247,062

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, 8c. per lb.
Bryonia root, 1c. per lb.
Coltsfoot leaves, 1c. per lb.
Calamus root, bleached, 5c. per lb.
Cardamom, green, 3c. per lb.
Clove, Madagascar, ⅝c. per lb.
Zanzibar, ⅝c. per lb.
Fish berries, 2c. per lb.
Laurel leaves, ¼c. per lb.
Mustard seed, Montana, yellow, ¾c. per lb.
Saffron, Spanish, $1 per lb.

Reduced

Asafetida gum, powdered, 3c. per lb.
Celery seed, French, ½c. per lb.
Deer tongue leaves, 2c. per lb.
Guaiac gum, 25c. per lb.
Pimento, ½c. per lb.
Rapeseed, Belgian, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
119.0	119.2	115.2	89.8

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Conditions changed very little. Demand was routine, but productive of a fair-size volume of trade and sales were made on the basis of prices that showed substantial stability that was in line with the replacement position of the article.

Peru.—Jobbing business was very good in size and, in addition, there was a fair amount of larger requirements that also contributed to the maintenance of steady to firm prices throughout the period on spot.

Barks

Cascara Sagrada.—All reports continued to emphasize the strength of new crop goods in the primary market and the absence of stocks in excess of probable requirements of the consuming trade. Spot dealers took a firm view on the market, but it was felt that they had purchased substantial quantities to cover their needs, even though the prices paid were comparatively high.

Elm.—New crop goods were firm at the recent advance in replacement costs, and hence the spot market lacked all signs of unsettlement, continuing to be well maintained at higher levels and showing tendency toward further advance should demand become pressing.

Soap. — The cables from Europe showed prices there to be holding very firm under the influence of a very good interest on the part of all consuming countries. Spot quotations were firm in all respects.

Wahoo.—The market has not been as strong as it is at present for a good many years. This year, collection has been comparatively small and many primary market suppliers were unable to offer anything. Prices were strong in all quarters.

Wild Cherry.—Fair progress toward the laying of a stock sufficient to meet consuming requirements during the coming months has been made, and at prices which, at this time, seem to assure buyers of the market remaining very stable.

Beans

St. Ignatius.—Jobbing orders alone were current locally and not a great deal of that sort of request was reported during the past week. Quotations remained dull, but apparently quite steady.

Vanilla.—Trade in all varieties of this article continued to be very good. Some excellent sales of Bourbon beans were made at full prices and stocks of good quality beans were somewhat reduced. News from abroad emphasized the firmness of shipment prices and the lack of more than a moderate stock of beans satisfactory for consumption in this country. Such stocks were in the hands of strong merchants.

Berries

Fish.—The market was lowest at 10c. to 11c. per pound and business confirming that limit was reported done in fair volume during the past week. Little or no competition prevailed locally.

Raspberries.—Although prices were not advanced further, they seemed to be pointed toward further rise in view of the subnormal reserves produced in the primary market this year, and the steady rise in values at the source.

Flowers

Arnica.—Confirmatory cables reached here from the European centers and the market abroad, as well as on the spot, continued to be strong in keeping with the unsatisfactory crop produced and the much higher prices that were in effect in the foreign markets.

Chamomile.—Good quality flowers abroad are none too plentiful, according to cables that stated inclement and unsatisfactory weather conditions had been productive of a stock that contains less than the usual amount of prime quality material. Some look for price advances in the future.

Malva.—Blue and black flowers were firmer in all directions and local interest in the material contributed to the strength that replacement costs had added to the spot market during recent weeks.

Mullein.—Conditions seemed to still be favorable for buyers in this country and the tendency in some quarters was to shade quotations in order to make certain of inquiries becoming orders. Not much demand was current.

Saffron.—Spanish saffron in one quarter has gone to $22 per pound, although the price has yet to be paid. Substantial quantities have been sold at $19 per pound and the supply is diminishing steadily without there be-

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
PHYSIOLOGICALLY TESTED CHEMICALLY TESTED
CRUDE DRUGS
When You Want High Testing Botanic Drugs, Come to
THE HOUSE OF HOPKINS
NOW IN STOCK
PHYSIOLOGICALLY OR CHEMICALLY TESTED
SHOWING HIGH ACTIVITY
Aconite Root, Asafoetida Gum, Cinchona Bark, Cannabis American, Digitalis Leaves, Ergot Spanish, Goldenseal Root, Henbane Leaves, Myrrh Gum, Nux Vomica, Sandalwood, Squill Root, Stramonium Leaves, Strophanthus Seed, Valerian Root
and every other crude drug in demand
CRUDE J. L. HOPKINS & CO. DRUGS
220 BROADWAY, NEW YORK

..GOOD NEWS..
PYRETHRUM EXTRACT Guaranteed 2.4% Total Pyrethrins
PYRETHRUM POWDER Guaranteed minimum 9-10 of 1% Pyrethrins
BE SAFE — CONTRACT WITH
MURRAY & NICKELL MFG. COMPANY
2612 Arthington Street Chicago
Importers and Millers for Seventy Years

Vanilla Beans--Tonka Beans
Thurston & Braidich, Importers, 286 Spring Street, New York

VANILLA BEANS
F. HUBER & CO., - 99 Hudson Street, New York

GUMS
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
PAUL A. DUNKEL & COMPANY INC.
82 WALL ST. NEW YORK N.Y.
HAnover 2-4436

The Drug Business Is Swinging Higher
Catch hold now, and swing with it. You'll be able to see over the bushes.
Buying is increasing. Get after your share by advertising in the
OIL, PAINT AND DRUG REPORTER

PYRETHROL 20
A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST. NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.
CRUDE BOTANICAL DRUGS From Forty Nations TRADE MARK

ing any certainty that replenishments from Spain will reach here in the very nearby future.

Gums

Arabic.—Some very fair-sized trading has been done of late and a market of firmer undertones and less tendency toward shading has resulted. Also, replacements lacked weakness during the period under review. Stocks available in this market were fairly substantial in size.

Asafetida.—Not much demand was current last week and prices on powder eased back to the basis of 32c. per pound minimum. Lump held unchanged at 18c. per pound inside. As quoted, the marked seemed to be about steady.

Guaiac.—An improvement in stocks available on spot has been reported, and spot offerings were made on the substantially lower basis of 50c. to 55c. per pound for whole resin. Strained guaiac remained unchanged.

Myrrh.—Substantial quantities have been sold into consumption at 35c. per pound. Some quarters were disposed to make the market minimum at 38c. per pound, and declared that the size of spot stocks and the cost of gum to come forward warranted such a value.

Tragacanth.—The market was strongly held in line with what it costs to replace current stocks. The primary market values were under strict governmental control and the scheme certainly has raised the cost of gum to the domestic manufacturing consumers. Demand has been good.

Herbs and Leaves

Buchu.—The market has held very firm since the recent competition caused some reversal of the upward trend that had governed prices some weeks back. In fact, most quarters expect that ere long quotations will return to somewhat higher levels, a movement that replacement costs already paid would justify.

Coltsfoot.—Sales of substantial quantities have been made at the slightly higher price of 9c. to 10c. per pound and fully that would have to be paid for additional supplies. Such a figure was more than justified by what it costs to import further quantities at this time.

Conium.—Although not a large item in trade, conium turned stronger to reflect replacement position abroad and the not ample stock on spot. Quotations were higher at 18c. to 19c. per pound with all sellers having strong views.

Laurel.—Quotations were advanced on the development of more buying on spot and during the period a better than fair sized volume of trade was done on the higher level of 5c. to 5½c. per pound.

Stramonium.—Although the market was not advanced further, the replacement prices seemed to forecast a higher market when demand enters the spot market for substantial quantities of material. Replacement costs seemed to be firmer than they had been.

Miscellaneous

Cassia Fistula.—From a nominal position, this article has again come on the market on the basis of firm offers for prompt delivery—and this notwithstanding the fact that new crop goods are not likely to reach here earlier than November or December. The item for prompt delivery was quoted firm at 15c. to 16c. per pound.

Ergot.—Until direct connection be again established between dealers on spot and shippers in Spain, the true position of this item will likely remain befogged. As things stand on spot at present, most dealers are unable to offer. Those with a substantial stock of strictly U.S.P. goods want $2.25 per pound, and that price is called nominal. The item has been sold already at $2 per pound under competitive conditions. The entire tendency here is to quote prices high enough to reduce buying interest to those absolutely requiring a supply.

Lycopodium.—While some stock was still unsold locally, it was a small quantity that was still available. Furthermore, all reports from Europe show that the unsold stocks available for export to this country are very small also. As concerns new crop, Soviet consumption will take up much of the production, it was expected.

Manna.—Fair to moderate demand for flake was reported and the market continued to be about steady, though lacking in important feature during the past week.

St. John's Bread.—Local holdings were moderate in size but they seemed to be sufficient to care for the not especially active request that prevailed on spot for spot deliveries.

Roots

Aletris.—The market was steadier and prices became somewhat firmer on the basis of 29c. to 30c. per pound. This price was fairly well in line with the cost to obtain goods in the primary market where stocks were not expected to be in excess of normal this year.

Bryonia.—A check on the market revealed prices to be generally 10c. to 11c. per pound, and holdings were in firm hands. No disposition to shade was noted.

Calamus.—Substantial sales of bleached root have been made at the higher price of 45c. to 50c. per pound, and prominent quarters indicated that there was no competition offering at less than the inside quotations during the past week.

Gentian.—The Spanish situation has improved not at all and hence the importing trade in this country was still in the dark regarding future shipments of Spanish material. Prices remained very firm on the higher levels recently established.

Golden Seal.—The market remained strong in price but lacked much in the way of activity on domestic or export account. Stocks were small on spot and in the country. The United States Department of Agriculture has revised its bulletin on "Golden Seal Under Cultivation" (F. B. 613 F.), by Walter Van Fleet, of the Bureau of Plant Industry. The cost of the revised bulletin from the Government Printing Office, Washington, is 5 cents a copy.

Licorice.—Spanish root was very firm. Uncertainty as regarded getting shipments from Spain continued to be the force behind the erection of higher prices, a development of the previous week. Sellers on spot were reserved pending further developments of the foreign situation.

Seeds

Anise.—Spanish material has gone to 15c. to 15½c. per pound, the new quotation being predicated on the basis of sales already made. The tendency was toward further rise. Of course, doubt as regards further shipments from Spain has been responsible for the advance in prices and the general increase in market activity.

Cardamom.—Green goods were advanced to 95c. to 98c. per pound by local demand. Bleached and decorticated seed remained very firm but lacked further change in price.

Celery.—French seed continued to show some weakness and local quotations were reduced to 18½c. to 19c. per pound. India seed lacked change in price but it was sympathetically easier.

Dill.—Recleaned seed continued to be in very good and entirely seasonal demand. Quotations rose a further fraction to the basis of 6½c. to 7c. per pound. Polished goods held unchanged.

Mustard.—Production of domestic seed has been greatly reduced by the drought and a return of major activity in the European seeds is expected to come in the future. Montana yellow seed was advanced to 7¼c. to 7⅝c. per pound.

Poppy.—Some of the present strength in the market has been laid to adverse crop conditions in Poland. Trade in Hungarian seed has been checked by the fact that prices in the primary market are above parity with those of seed in other source countries. Hungarian was nominal at 7½c. per pound, spot.

Spices

Clove.—Somewhat higher spot prices reflected increase in the replacement costs reaching this market last week. Madagascar clove on spot was priced at 15⅝c. to 16c. per pound, while the article from Zanzibar stood at the same level.

Ginger.—The fireworks caused principally by the Treasury decision that made imports subject to a duty of 20 percent ad valorem, effective September 5, have disappeared, leaving the market strong on the basis of the recent advances in spot prices. Demand was routine but steady.

Nutmegs.—Strong control of prices at the source in the West Indies was still in evidence, and although not much demand was current on the spot, local dealers reflected the strength prevailing at the source. East India nutmegs were sympathetically strong.

Paprika.—Importers have at last received documents covering an export from Spain on the steamship Olympia, due here September 9, according to latest maritime reports. The market remained very firm on the spot. Final crop reports from Szeged, Hungary, stated that the stand of paprika plants is large, strong, and thick, and loaded heavily with well developed pods which are now ripening. Unless adverse weather come, the crop is expected to be satisfactory from the standpoint of quantity and quality.

Pimento.—Prices continued to drop and local offerings were noted at 14c. to 14½c. per pound in keeping with some further reductions in the cost of replacement supplies in the primary market.

Oils, Fats and Waxes

Fish Oils

(Continued from page 45)

With fishing boats serving shore plants out for almost a week now off California shores, catches in this district have been light, but a dark moon period coming on is expected to develop some good fishing shortly. Floating reduction plants fared well just previous to the moonlight period, and it has been indicated that fish prospects for this season are good.

Next activity on the Coast will center around the southern California district, when the season opens up there November 1. It has not been learned as yet if producers in that district have sold oil ahead. If so, the transactions have been kept very quiet.

Ruling prices are:—

SARDINE.—New season California sardine oil is quoted strictly nominally at 32c. per gallon in tankcars, f.o.b. production point, Northern California. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums.

Baltimore, Sept. 2.—The menhaden catch down the Chesapeake Bay fell off decidedly during the latter part of the past week in consequence of the termination of the sultry and exceedingly humid weather, which was followed by thunder storms and clearing skies. This naturally resulted in a lessening of the production of oil and inclined the producers all the more to hold out for steady or even higher prices. It also followed that potential buyers, who have been holding back and looked for declines, showed equal persistency in asking for concessions. Under these circumstances it was only natural that trading should narrow or be wholly lacking. The last recorded quotation of 26 cents per gallon still constitutes an index to the market, though the producers would mark up the quotations and are not eager to consider even 27 cents. In view of the general rise in values the ideas of the sellers are not much, if at all, under 30 cents per gallon. So wide a difference between the valuations of the two sides is not to be readily bridged, and extreme quiet is the result, with the future course of the market doubtful and a possibility that it may go one way as readily as another.

Chicago, Sept. 4.—While there seems to be a certain amount of interest in fish oils here, the actual status of business expressed in orders is quiet, with prices unchanged. Advices from the West Coast contain no information interpreted as making purchases of oils from that region imperative, according to the purchasers' apparent attitude. Other oils are marking time, with prices in general the same.

MENHADEN.—East Coast, 26c. to 27c. per gallon.

SARDINE.—Pacific Coast, 31c. to 32c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 32c. to 33c. per gallon.

Fats and Greases

Grease.—Quotations were held at recently advanced levels with the tone of the market steady. Business was less active, consumers being disinclined to purchase in advance of requirements at this period of the year.

Lard.—Cash quotations showed more or less irregularity last week, changes from day to day being moderate. There was a fair demand though consumers did not show much disposition to anticipate. The export movement was fair. Stocks of lard in Chicago increased about 1,150,000 pounds during August as compared with a decrease of nearly 10,000,000 pounds in the same time last year.

Stearin.—Demand was quieter but offerings were generally light and the market retained a steady tone.

Tallow.—Quieter conditions prevailed during the week. Occasional inquiries were noted for spot material but transactions were apparently limited to unimportant quantities, large consumers being inclined to hold off for further developments. On the other hand offerings from producers continued light. The last business reported was at 6⅝c., f.o.b., for extra.

Following is a record of the market for tallow futures on the New York Produce Exchange from August 29 to September 4, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales. Tanks.
September	...	...	6.65 bid	..
October	...	...	6.83@ 6.95	..
November	...	...	6.90 nom.	..
December	7.10	6.80	7.10@ 7.20	5
January	...	...	7.10@ 7.40	..
February	...	...	7.20@ 7.50	..
Total sales				5

Markets at Other Centers

Chicago, Sept. 4.—To the accompaniment of a rather unsettled and mixed price structure, activity in the cash lard market has been moderately good in recent days. Considerable attention has been paid, seemingly, to the fluctuations, many of them downward, in futures. Receipts of hogs of course have been running above last year. Shipping trade is reported fair.

The range of lard quotations from the opening Saturday, August 29, to the close Friday, September 4, is shown in the following table:—

Per 100 pounds	Open.	High.	Low.	Close.	Previous Friday.
Cash	$11.75	$11.75	$11.65	$11.82	$11.75
Oct.	11.65	11.87	11.62	11.87	11.75
Jan.	11.85	12.07	11.67	12.07	11.92

TALLOWS (tierces).—Edible, 8¾c. to 9c. per pound; prime, 6¾c. to 7c.; fancy, 7c. to 7¼c.; prime renderers', 6½c. to 6¾c.; B country, 4⅞c. to 5c.

GREASES (tierces).—Choice white, 7c. to 7¼c. per pound; A white, 6⅝c. to 6¾c.; B white, 6½c. to 6¾c.; yellow, 10-15, 5⅞c. to 6c.; yellow, 16-20, 5¾c. to 5⅞c.; brown, 5½c. to 5⅝c.

STEARINS (barrels).—Prime oleo, 9¾c. to 10c. per pound; lard, packages, 12¼c. to 12½c.; A white grease, 6¾c. to 7c.; yellow grease, 6½c. to 6¼c.; extra oleo stocks, 10c. to 10¼c.; No. 2 stocks, 9c. to 9½c. (Oleo stocks in car lots.)

Liverpool, Sept. 4.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	Sept. s.	d.	Oct. s.	d.	Jan. s.	d.
Saturday	60	0	54	3	54	9	54	6
Monday	60	6	55	0	55	6	55	3
Tuesday	60	0	54	6	55	0	55	0
Wednesday	60	0	54	6	55	0	54	6
Thursday	59	6	54	6	54	9	54	3
Friday	60	0	55	0	55	6	55	3

Liverpool, Sept. 4.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	24	6	23	6
Monday	24	6	23	3
Tuesday	24	9	23	3
Wednesday	24	9	23	0
Thursday	24	9	23	0
Friday	24	9	23	0

Fatty Acids

Red Oil.—Selling schedules were maintained at previous levels, the tone of the market apparently being firm. There were reports of a somewhat better demand though business lacked snap.

Stearic Acid.—There were no further developments in the way of price changes, the market being steady at the recent advance. Consumers were disposed to adhere to a conservative course in making purchases, the demand for moderate quantities being fairly active.

Markets at Other Centers

Chicago, Sept. 4.—An extremely firm situation rules in the fatty acids and related products. Buying seems to have been ample to support the recently advanced prices, and the latest increase has been accompanied by continued purchases of fairly good volume in the aggregate.

FATTY ACIDS.—Corn oil, double distilled, 6½c. to 7c. per pound, tankcar; 7c. to 7¼c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c., per pound, tankcar, mostly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 6c. to 6½c. per pound, tankcar; 6½c. to 7c., barrels, car lots; 7c. to 7½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1¾c. to 1⅞c.

STEARIC ACID.—Single press, distilled, 9½c. to 10½c. per pound; double press, 10c. to 11c.; triple press, 12¾c. to 13¼c.

RED OILS.—Distilled or saponified, drums, 9c. to 10c. per pound; barrels, 9½c. to 10½c.

Waxes

Bees.—Undertones continued firm to strong because of the excellence of demand and the general strength prevailing on raw material. Bleaching operations have laid up an excellent supply of white wax to meet demand over the coming consuming year. Prices were firm in all quarters.

Candelilla.—The market had a firm tone and in all respects it was steady as to price and demand in local circles. Sellers of shipment parcels continued to have firm views on the value of their holdings.

Carnauba.—Cables from Brazil were easier last week. Prices quoted from the primary market were somewhat lower than they had been and the tendency seemed to be to sag. Locally, very little was done. Orders were

(Continued on page 54)

Essential Oils, Aromatic Chemicals

Spanish Oils Lead in Market Strength—Rain Damages Peppermint In Middlewest—Lack of Demand Bring Lower Lemon Prices—Ginger Advanced Further on Spot

Business in the market for essential oils and aromatic chemicals slowed down somewhat during the past week. It appeared as though the pending holiday had tended to reduce operations to some extent and on the whole volume was down moderately as compared with the total of business done during recent periods. Prices remained generally steady.

A consensus on spot was that business throughout the Summer months had made a most satisfactory showing. Usually, a lull in the activities of buyers comes with the vacation period, but this year their requirements have been larger than usual at this season of the year and the result was an excellent total volume of transactions, a condition in part responsible for the strength that featured prices in general in the week reviewed.

Last week, Spanish essential oils continued to be strong features. Sellers were reserved, showing a disposition to go slow in parting with more than moderate quantities. This view on the market was unquestionably the result of the great uncertainty that exists concerning Spanish production of such oils.

Lemon was easier in the absence of business and spot prices on Italian goods were lower. Domestic oil was in very light supply. Orange and bergamot continued firm to strong. Peppermint was not offered much from the primary market. Reports of damaging rains were noted, damage occurring to the leaves of that portion of the crop that had been left in the ground to mature as much as possible.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ginger, distilled, 25c. per lb.

Reduced

Lemon, 25c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
75.7	76.4	75.7	71.9

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet true oil remained exceptionally firm, although demand has not changed very much of late. The strength was attributed to the difficulty in securing firm offerings of goods for shipment from France. This, in turn, was caused by the inability of French producers to get stocks of almonds from Spain.

Anise.—Replacement costs held up firmly and spot quotations were free from unsettlement of any sort. Demand was very good on the whole, even though it was of somewhat routine character.

Bergamot.—A spot market at $2.35 per pound would be fully justified on the basis of replacement costs, but local quotations continued to be inside at $2.30 per pound and the range was to $2.50 as to seller and brand. The foreign market was strong and upward in trend.

Camphor.—Business was steady for moderate sized quantities and this was reflected in a fairly stable spot price schedule on both kinds of the item. Replacement costs continued well stabilized at the source.

Caraway.—Higher prices may be forced by the much smaller production of its item in Holland, where a reduction in acreage as a means of raising prices was effective this Summer. Prices on oil were very steady.

Cassia.—The spot market seemed to be rather quite on the whole last week and prices were on the slightly easy side. Competition failed to have an adverse effect on values generally. Replacement cables showed little change in price but the situation at the source seemed to be easier.

Celery.—Raw material has turned easier under the influence of some unsettlement in values in the primary market. The spot market was one of routine activity at unchanged prices.

Citronella.—The spot market was still favorable for buyers with firm orders to place and conditions were such that any important business coming to the local trade would be placed under competitive conditions on the whole.

Clove.—Raw material prices were higher last week and seemed to tend upward because of the adverse prospect surrounding new crop production. Oil was firm at unchanged prices and moved steadily in quantities about normal for the item.

Coriander.—Stocks were very small. Also, they could not be substantially increased. At the very best, only isolated lots were available for shipment from abroad. Prices were strong in a market that to all intents and purposes was a nominal affair.

Dill.—Movement was very good. Interest of buyers was current in good sized volume and the requirements of consumers were in keeping with normal needs at this time of the year. Prices showed a deal of stability, though some sellers said they would be higher were it not for keen competition offered in one or two directions.

Eucalyptus.—Under supply continued to make the future of this item most uncertain. Large consuming requirements against the Winter season of demand exist and it has been uncertain that the wanted quantities would be forthcoming readily from the primary market. Prices were strong at all points.

Ginger.—Production costs have been raised by the duty that went on raw material September 5. Also, stocks of oil were lower than had been expected and the general result has been the creation of a strong market at strong prices, noted minimum at $5 to $5.25 per pound.

Lavender.—Spanish spike oil was in strong position, though values have not been raised further on spot. Uncertainty concerning the future of supplies in, and from, Spain was the generative cause of the strength noted in all directions. Flower oil was very firm as the outlook was for a none too plentiful supply from France this year.

Lemon.—Cables showed a somewhat easier situation in the foreign market and spot quotations were down to the basis of $1.50 per pound for some brands. Others ranged $1.75 to $2.50 as to seller. Demand has tapered off somewhat in local circles and the general situation has become quieter. California oil continued to be offered in moderate quantities only.

Orange.—This group was on the distinctly firm side both at home and abroad. Prices on shipment goods in the several primary markets were well maintained by shippers and offerings failed to exceed moderate quantities most of the time. Local demand was somewhat slower than it had been but the market was still productive of a fair sized volume.

Pennyroyal.—Spanish oil was still strong on this market as the supply was low and replacements in the future were most uncertain. Domestic oil was also on the firm side as the home production was not expected to be more than moderate.

Peppermint.—A somewhat firmer tendency seemed to have grown in the middlewestern peppermint market. Reports told of rains that came in a volume sufficient to hurt some of the mint that had been left in the ground with the idea of increasing its oil content. The oil is in the leaves and it was the leaves that were reported hurt by the rains. Also, there were indications that a fair sized portion of this years production has been already bought. Altogether, the tendency here was to look for a somewhat higher market in the

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

FITTED TO *serve* YOU BEST

By Virtue of Its

ACCURACY

Accuracy is the watchword of the MM&R organization. Not only in the laboratory — but throughout the entire organization. Whenever exacting demands are made, MM&R may be counted upon to meet them accurately and dependably!

MAGNUS, MABEE & REYNARD, INC.
QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, CONCENTRATED FLAVORS . . . Since 1895
32 CLIFF ST. N.Y.C.
OFFICES IN PRINCIPAL CITIES

WE SCOUR THE EARTH TO GIVE YOU THE BEST

IMITATION OILS

LEMON LIMES ORANGE

The price stability of these Imitation Oils recommends their use at the present time. In addition, they produce a remarkably true-to-nature effect, being strictly comparable in strength and general physical properties to the natural oils.

Write for samples

FRITZSCHE Brothers, inc.
816 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL.

D. W. HUTCHINSON & CO., Inc.
ESSENTIAL OILS
Oils, Cedar Leaf and Wood
162-164 FRONT STREET ESTABLISHED 1896 NEW YORK

ESSENTIAL OILS
H. C. RYLAND, Inc.
161-3 Water St., New York

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

ESSENTIAL OILS
AROMATIC CHEMICALS
BASIC PERFUMES
FLAVORING MATERIALS
SCHIMMEL & CO., Inc.
601 WEST 26TH STREET NEW YORK, N. Y.

GINGER OLEO RESIN
A PRODUCT OF
OUR OWN MANUFACTURE
Exquisite in flavor, and *every trace of insoluble matter removed.*
USED BY THE LARGEST CONSUMERS
GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK
Branches: Chicago, San Francisco, Montreal *Factory:* Brooklyn

not far distant future. In view of the probably smaller production this year, some consideration was being given the question of export business. Experience in the past has been that exports have increased in those years when production decreased. Exports in 1935 totaled 338,000 pounds. The highest export previous to 1935 had been in 1932 when 263,000 pounds were sold abroad, principally to the United Kingdom. In 1934, approximately 47 percent of the crop was exported, compared with 62.8 percent in 1932, 33.6 percent in 1931, 21.1 percent in 1930, and 20.6 percent in 1929. Production in 1935 was approximately 503,000 pounds, comparing with the '30 output of 1,103,000 pounds. Output in 1934 was 653,000 pounds. Acreage under cultivation in 1934 was about 25,000 acres, compared with 37,470 acres worked in 1935. These acreage figures, however, according to the Department of Commerce, include spearmint cultivation. Most of the acreage, was devoted to peppermint.

Petitgrain.—Replacement cables repeated prices and declared the market was firm. Spot quotations were very steady and sellers had a fair sized inquiry and demand to supply during the period under review.

Rosemary. — Connection with the Spanish primary market was still uncertain and indefinite. The question of the future of supplies from that country was still unanswered. The result was that spot merchants had firm views on prices and they were disposed to conserve their stocks as much as possible.

Spearmint. — The local demand was moderate to a substantial degree, but in view of the firmness of prices in the primary market, spot quotations lacked any signs of weakness during the past week.

Thyme.—This was another of the Spanish oils, the future supply of which has been jeopardized by the civil war in Spain. All prices were firm and sellers showed much reserve in their offerings, and also in the quantities they would sell on individual orders. The tendency was to conserve present stocks until future shipment in normal quantities is assured.

Vetiver.—Very good trade on the whole prevailed in local circles, and the market kept steady to firm undertones. Prices were well held in all quarters.

Wormseed.—Some very substantial export business has been done in this item, and it has had a strengthening effect on prices at a time when a prospective new crop might ordinarily result in some easing of prices. Values were steady in all quarters.

Wormwood.—The prospect was for higher prices. Production was less than normal and much of it was said to have been engaged already by the largest consumer of the material. Holdover stocks were small.

Aromatic Chemicals

Amyl Phenylacetate.—A very good call prevailed and the market was generally on the firm side throughout the past week, caused in part by the absence of much competition in local circles.

Amyl Salicylate.—The stability of the market continued undisturbed and no signs of any early change in that aspect of the situation were noted last week. Demand was routine, but very steady at full prices.

Anethol. — Raw material showed much of strength last week and attempts to buy on the basis of bids cabled to the source failed. Anethol was very steady, both in price and demand; the latter, in fact, seemed to be slightly improved.

Benzyl Benzoate.—Trade was routine and took place under conditions that seemed to favor buyers over seller, this because of the rather sharp competition prevailing in local circles.

Benzyl Propionate.—Moderate interest was displayed. The leading users seemed to be well supplied, but there was a fairly substantial amount of demand from smaller consumers and the result was a very good sized volume of transactions.

Bromstyrol. — Soapmakers were takers in normal quantities and the business done strengthened the undertone of the market, as well as stiffening the price structure and keeping competition well in check.

Dimethyl Hydroquinone.—The market was $2.25 per pound on business of the size reaching the spot during the past week. The call was not especially large in volume, but it had a steady quality that reacted to the full maintenance of quotations.

Diphenyl Oxide.—The usually good demand prevailed and volume compared well with that in recent weeks. Prices were steady to firm in all directions and competition was negligible.

Eucalyptol.—The strength and price of raw material was more than sufficient to keep prices on eucalyptol to a very firm position. Also, demand was very good and expansion in requirements was expected.

Geraniol.—Stocks were of ample size and the market was quiet, as well as steady. Demand was routine, but about normal in volume. Raw material costs have changed little of late, but on the whole they have been easy.

Linalyl Acetate.—The strength of the item of which this is the synthetic equivalent was unremitting last week and the tendency of prices here and abroad was upward. Hence, a very good call for the synthetic was reported and prices were fully maintained.

Methyl Anthranilate. — Stabilization of prices and prompt delivery in any quantity were the features that accounted for the very steady and generally satisfactory market on this synthetic.

Phenyl Acetaldehyde.—The 100 percent item was $6.75 per pound, and the 50 percent merchandise stood at $3.50. Both were in moderate request and both were steady to firm throughout the period.

Phenyl Ethyl Butyrate.—Sales were somewhat slow. Buyers' needs were moderate and down mainly to jobbing size. Because of the absence of excessive stocks on the spot, prices continued to be steady.

Phenyl Ethyl Valerinate.—Movement into consumption was routine, but on the whole was close to the normal takings of this material. The market seemed to be well stabilized and full prices were obtained at all times.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

SULPHONATED OILS
For Soapless Shampoos
VISCO GUMS—For Wave Set Solutions
GUMS
Arabic, Tragacanth, Karaya
Powdered in our own mills under laboratory control
JACQUES WOLF & CO.
MANUFACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

A. M. TODD CO.

Growers, Distillers and Refiners of
ESSENTIAL OILS
CRYSTAL WHITE—DOUBLE DISTILLED
PEPPERMINT, SPEARMINT,
WINTERGREEN, Etc.
Main Office and Works
KALAMAZOO, MICH., U.S.A.

make— quality
Amyl Butyrate Northwestern
Methyl Benzoate Northwestern
These two esters are in general use for both flavoring and perfumery purposes.
INCORPORATED 1882
The Northwestern Chemical Company
The Largest Makers of Butyric Ether in the World
WAUWATOSA WISCONSIN

Oils, Fats and Waxes

Waxes

(Continued from page 52)

usually of the sort that cause no competition on the spot and the total volume of trade was comparatively small. Pending further developments at the source, local sellers continued prices unchanged.

Japan.—Business was jobbing and irregular. The quantities required were small and such orders reached the spot infrequently. Quotations held unchanged and they were close to actual replacement cost.

Paint Materials

(Continued from page 42)

Lacquer Materials

The market for the lacquer solvents moved through a relatively quiet week, with consumers on all sides showing little interest in commitments other than for immediate production requirement. But it was generally believed that some improvement would take place after the passing of Labor Day, with a good amount of replacement buying expected and well as a stimulation in demand in anticipation of the general business improvement expected in the Fall. Word from the automobile industry continued to tell of the small automobile production as a result of the changing over to 1937 models. Prices for acetone and butyl alcohol were steady to firm. Tricresyl phosphate was decidedly firm because of the presence of a like tone in the basic article.

Acetone.—Demand was fair here during the week, and quotations held unchanged.

Butyl Alcohol.—Consumers were apparently waiting for the passing of Labor Day before ordering out on a voluminous scale, and prices were unchanged.

Dibutyl Phthalate. — This market noted little change again last week, with the call irregular, but the prices were steady.

Celluloid Scrap.—Another slow week was noted in this direction, with the buying limited to immediate needs only, but prices were in line with previous values.

Ethyl Acetate.—Despite the irregularity in the call, sellers reported the market was in a steady to firm price position.

Film Scrap.—Although demand domestically was slightly slower, sellers reported no change in quotations.

Tricresyl Phosphate.—A firm tone was noted here, with shipments moving out in good volume.

Driers

There is no change in the stearate price situation and the way things look now there is not likely to be any change on October 1, according to the sellers. The recent advance in acid prices brought the basic raw material up to a position that is close to the level it was when present stearate prices were established. There has been a moderate business done in the past week.

Glues and Binders

Casein.—The market holds strong, but prices were unchanged. Domestic 30 mesh was quoted at 17½c. and the fine ground at 18c., both in car lots, basis delivered. Sellers have little to offer in the open market and further increase in the value of the article is likely to take place when Fall demands reach the market.

Glues.—The market did not contain any changes of a general nature but conditions are mighty strong on increased costs of raw stock and it is not unlikely that prices will move higher within a week or so. The demands are coming into the market in heavier fashion.

Schmeidler with Kenney-Herstein

Robert Schmeidler, M.A., F.A.I.C., has joined the staff of Kenney-Herstein, Inc., consulting chemists, this city, as an associate. Mr. Schmeidler had been for eleven years connected with the United Piece Dye Works, as chemist in charge of production and utilization of textile chemicals. In his new connection, Mr. Schweidler will function as consultant on both production and application of chemical materials in the textile field and on textile processes.

SNOWFLAKE BEESWAX
Sun-Bleached and Filtered
E. A. BROMUND CO.
Established 1880
Bleachers and Refiners of Beeswax
258 Broadway, New York City
FRANK B. TRACY
201 N. Wells Building, Chicago
C. L. IORNS
619 Clark Ave., St. Louis, Mo.
Beeswax Bleachery and Refinery in Morris County, N. J.

Petroleum Solvents, Lubricants, Fuels

Solvents Move Into Consumption at Faster Rate—Local Tankwagon Prices for Petroleum Thinners Adjusted — Crude Oil Output Continues High

Petroleum solvents and naphtha moved toward consumption at a faster pace last week and there is every indication that the market is moving into the seasonal activity of the Autumn months. There is a uniform optimism among the sellers of solvents and prospects for Fall trade seem better than they were last year. Prices at the Midcontinent refinery points have not been sensitive to the recent weakness of the gasoline market and the lone change reported last week was an adjustment petroleum thinner of prices for tankwagon or drum lots in metropolitan New York or Long Island. Cleaners' naphthas are reported as being more active at the Midcontinent. Other petroleum products used as industrial raw materials were favored with a slight improvement of interest on behalf of the buyers but there were no important movements in prices. White mineral oil buyers have indicated that they will show a revived interest in the market during September.

Tulsa advices indicate that the weakness in gasoline at refineries is still present and perhaps slightly more pronounced during the past week. The Eastern market is subject to underselling in some sections and there is considerable concern as to how the market will act after the passing of the heavy consumption season which usually ends with the Labor Day holiday. Of course, jobbing interest was heavy last week in preparation for the holiday business.

Daily average production of crude oil in United States for the week ended August 29 was 3,032,050 barrels, a decrease of 37,550 barrels from the preceding week's average of 3,069,600 barrels but the third successive week that the average has topped the 3,000,000-barrel mark, according to the estimates of the American Petroleum Institute. The average for four weeks ended August 29 was 3,033,950 barrels and the average at this time a year ago was 2,665,100 barrels. Runs of crude oil to stills were reported at 2,850,000 barrels for 81.7 percent of refinery operation, and, according to the A.P.I., 200,000 barrels additional were run for a total daily average of 3,050,000 barrels, against 2,975,000 barrels in the preceding week. Crude oil stocks August 15 were 304,938,000 barrels, against 305,315,000 barrels the preceding week, according to the Bureau of Mines.

Solvents and Diluents

Reports from the Midcontinent district indicate that there is a better demand for supplies of cleaners' naphthas. The East Coast market was favored with a modest improvement in the call for virtually all of the petroleum solvents and naphthas used as industrial raw materials. Prices at the refinery points continue without change and the Midcontinent market has been insensitive to the recent weakness in gasoline prices. Tankwagon and drum prices for petroleum thinner in the metropolitan New York area and on Long Island have been revised.

Cleaners' Naphthas.—The principal feature of this commodity during the past week was an improvement in the demand at the Midcontinent refineries. The prices quoted for tankcar quantities were without change and were firm at the basis of 7⅜c. to 7½c. per gallon.

Lacquer Diluents.—Demands from the lacquer manufacturing industry may be expected to register a seasonal improvement from now forward. During the past week there was a little more business in the market and it is expected to be augmented with the passing of the Labor Day holiday.

Petroleum Thinners.—The tankwagon and drum prices in metropolitan New York and on Long Island have been revised by leading marketers. Buyers of 200 gallons or over pay 10½c. per gallon and buyers of smaller quantities pay 11c. per gallon. The former price was 10½c. flat.

Rubber Solvents.—Demands from the tire industry continue quite active and the September production schedules forecast a sustained demand this month. Prices for light and heavy grades of solvent continue unchanged.

Stoddard Solvent.—The tankcar movement out of the refinery points continues modest. Prices continue at the levels that have been quoted for some time. A cleaners strike in Toledo closed most of the major cleaning plants in that city.

V. M. & P. Naphthas.—Market conditions were little different from a week ago. There was a slight lift in the demands and the coming weeks are expected to register increased activity as the market approaches seasonal revival of painting. Quotations at the Midcontinent and East Coast refinery points are unchanged.

Markets at Other Centers

Chicago, Sept. 3.—A quiet market situation continues to exist in the petroleum diluents and solvents. Buying has been fairly good, but generally is of a routine nature, with few features. Prices are holding in an unchanged zone, with a fair amount of market interest in most of the products. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma): Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar: 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, Sept. 3.—The market for petroleum solvents is unchanged with somewhat better demand for cleaners naphtha. Other grades are unchanged and prices remain at the range of 6⅞c. to 7⅜c. per gallon.

Lighter Fractions

The recent report of lower prices for normal grade of hexane is the latest development in the market for light gaseous solvents. As reported previously, the prices for tankcar quantities are lower, but the drum prices remain unchanged. Otherwise, butanes, heptanes and other materials in this division of the market have not been reported by the producers as having changed.

Butanes.—According to the latest reports from producers, the prices continue at 2¼c. to 3¼c. per gallon for tankcars, basis Group 3, for material testing up to N.G.A. specifications.

Hexane.—The price currently named for tankcar quantities at the Group 3 producing district is 10½c. per gallon for tankcar lots of the normal grade. The drum prices continue without shift.

Octanes.—So far as can be learned there has been no shift in the prices named for this article. Tankcars are priced at 8c. per gallon, basis Group 3.

Petrolatums and Waxes

White Mineral Oils.—There are indications that Fall business will open up shortly. Inquiries during the past week have been more frequent and the bookings were a little better than previously. Also, some buyers have indicated to sellers that they will be in the market in September. There has been no change in the price situation.

Paraffin Waxes.—The firmer tone of a week ago was followed last week by higher quotations in the scale wax market here. Quotations are now 2.40c. per pound for 122-124 American and 2.45c. per pound for 124-126 American melting point. These prices are 5 points higher than a week ago. The fully refined waxes continue in an unchanged and steady position. Both scale and fully refined waxes were favored with a little more purchasing interest during the week. Match waxes are available at 2.34c. per pound now, but the sellers say that the market is likely to return to the 3c. level within a few weeks. Semi-refined wax is in a nominal position and difficult to obtain.

CHICAGO, Sept. 3.—Perhaps aided by a firmer tone in the crude scale market, refined wax here is holding in good tone and appears to be giving a good account of itself. Orders are keeping the market steady. Ruling quotations have been unchanged for some time. Ruling quotations of representative sellers are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Sept. 3.—The stronger tone in the wax market is not reflected in prices which remain unchanged at 2⅜c. to 2½c. per pound for the American crude 124-126. Most of the trading this week has been effected at the higher quotation. So much of the material had been sold at lower prices that a rise has been prevented.

Petrolatum.—The petrolatum market continues with moderately active demands from the trade. Quotations for amber and white grades remain as they have been during recent weeks.

Fuels and Lubricants

Jobbing demands for gasoline at the East Coast refineries were quite heavy last week as the trade prepared for the consuming needs for the Labor Day holiday. There are still reports of competitive selling of motor gasoline but the leading refiners have not altered their posted prices. The local retail market is unsteady and there is considerable concern in whether or not the market will hold after the heavy consuming season ends. Kerosene is cheaper at the refineries, a condition that follows the recent weakness of prices.

Tankwagon Price Changes

INDIANA TERRITORY.—Effective September 4, or one week prior to the discontinuance of price postings at service stations in Indiana, Michigan, Illinois, Wisconsin, Minnesota, Missouri, Kansas and the Dakotas, Standard Oil Company of Indiana reduced gasoline prices 3/10c. per gallon. Tankwagon prices in this area were reduced 3/10c. also. Tankwagon and dealer prices in Iowa were reduced the same amount. Where prices are three-tenths of a cent or more below normal there will be no change on September 4.

Normal kerosene prices will be reduced at the same time and in the same states by 9/10c. per gallon. These reductions are brought about by competitive conditions. For Chicago only—since the Chicago gasoline prices are at present sub-normal—the reduction in gasoline prices will not be effective, but the kerosene reduction will be.

Market Conditions

Gasoline.—For the past three weeks, the local bulk market has been featured by reports of price weakness. Free offerings of U. S. motor, 65 octane at 6¾c. per gallon, are mentioned. The leading refiners continue to post the figures that have been quoted all Summer with tankcars of U. S. motor, 62-63 octane and 6¾c. per gallon and U. S. motor, 65 octane at 7c. per gallon, f.o.b. refinery. The jobbing demand during the week was rather heavy in preparation for the heavy motoring expected over the Labor Day holiday. There is considerable interest in whether or not the prices will hold after Labor Day. The market will lose some of its consuming support but many observers here look for maintenance of quotations. The retail market in the metropolitan New York area is still rather sloppy in spots. The export situation at the U. S. Gulf was unchanged last week with quotations as follows:—U. S. Motor, 5¼c. per gallon; 60-62, 400 e.p., 5⅜c.; 60-62, 390 e.p., 5⅜c. to 5½c; and 64-66, 375 e.p., 5½c. per gallon.

Kerosene.—The East Coast market is fraught with weakness. Tankcar prices here were reduced ¼c. per gallon early in the week with leading refiners now quoting 4⅝c. per gallon for tankcars of 41-43 water white materials at the refineries. Philadelphia prices were also lowered ¼c. per gallon. Tankwagon prices were reduced 9/10c. per gallon throughout a large area of the middle West. The export market at the Gulf continues unchanged at 3¾c. per gallon for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—Bunker C oil remains at the recently established price of $1.10 per barrel at the local terminals. So far, only one Gulf market seller has advanced above the 90c.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline was still soft at the refinery points. Service station prices were reduced 3/10c. per gallon throughout the Indiana territory. This action prefaces by one week the discontinuance of service station price postings by the leading marketer serving that area.

	Sept. 4	Aug. 28	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.286	$1.051
Gasoline prices at refineries (at four refining centers) per gallon	.054375	.054375	.05375
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1938	.1941	.1891

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

PENRECO U. S. P. PETROLATUM
YOUR SPECIFICATIONS ACCURATELY MATCHED
PENNSYLVANIA Refining Company
General Offices: BUTLER, PA.
Branch Office: 43 East Ohio St., Chicago, Ill.
SNOW WHITE
LILY WHITE
CREAM WHITE
BLONDE
EXTRA AMBER
AMBER
RED

Petrolatums All Grades
WHITE OILS
DI-BUG PYRETHRUM PRODUCTS
SHERWOOD PETROLEUM CO., Inc.
REFINERY — WARREN, PA. BUSH TERMINAL — BROOKLYN, N. Y.

POWERFUL - LOW PRICED
JAVOLLAL
An effective substitute for Citronella . .
Imparts a cleaner, finer, more appealing odor in soaps, insecticides, disinfectants and other technical mixtures.
FRITZSCHE Brothers, inc.
616 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de BELLANS Soultens, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL

Outputs and Quotas

A comparison of suggested crude old production for August as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended August 29, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	575,500	572,300
Kansas	166,500	172,450
Texas	1,154,700	1,177,600
Louisiana	188,500	233,950
Arkansas	31,200	29,100
Eastern (not including Michigan)	110,800	113,700
Michigan	32,400	31,250
Wyoming	38,600	41,550
Montana	13,900	18,750
Colorado	4,700	4,850
New Mexico	70,100	78,050
California	550,000	558,500
Totals	2,936,900	3,032,050

per barrel level there. The tankcar price of No. 4 fuel oil was raised to 4c. per gallon, August 31, at the local refineries. Diesel oil continues unchanged at $1.65 per barrel, basis terminals.

Lubricating Oils.—Leading sellers of Pennsylvania neutrals and cylinder oils have not made any change in prices. Neutrals are considered strong and the cylinder stocks are firm at the levels that have been in force for the past few weeks. Pennsylvania bright stocks are steady also. There was not much activity in the market during the past week.

Markets at Other Centers

Tulsa, Sept. 3.—Only the insistent demand for natural gasolines saved the refined oil markets throughout the Mid-continent from being trendless. It was in this department that the only significant change occurred. Buyers bidding for a small supply of reserves was occasion for sellers to raise quotations ¼c. per gallon on the basic grades and extending the advance in the entire structure. If there was any change observable in the tone of other prices it might be in the softening of refinery gasoline and slight strengthening in paraffins. But even in these departments, the only change was in the supply and demand flow which indicated the possible changes in the future rather than in the present.

Refiners are pressing gasoline for sale this week. There appears to be lacking the speculation oftentimes present in a pre-holiday market. An anticipation of a record breaking demand over Labor Day also is absent as orders are more or less of a routine nature with the spot market quite inactive and the contract market considered fair. This week's market has the characteristics of a between season trading—too late for any important gasoline and too early for a large movement of burning and fuel oils.

However, there are a greater number of inquiries coming in for burning oils. The earlier expectancy that a record season will develop in burning oils is still dominating the market. Purchases for delivery over September are also difficult to effect. In fuel oils about the same situation prevails.

In the wax department more inquiries are made and refiners have been selling at the top quotations during the past week. While there is still material being sold at the recent lows, most of the refiners are asking the top prices.

GASOLINE (refinery).—U. S. motor is offered freely at 4½c. resale, and open quotations range from 4⅝c. to 4½c. The octane grades are moving well on contract and the middle bracket is 4¾c. to 4⅞c. in the spot resale market and the 68-70 octane grade is 5⅝c. to 5¾c.

GASOLINE (natural).—The 26-70 is the most active grade, filling about half of all of the trading in these products at 4¼c. in Oklahoma and 4c. in Texas. The 18 and 22 pound grades are the next in activity with most of the trading in the latter in Texas at 4⅜c. to 4⅝c. while Oklahoma prices are 4⅝c. to 4¾c. gallon. The 18 pound in Texas is 4¾c. and 4⅞c. in Oklahoma.

KEROSENE.—There is a slight pick up in trading but the demand is still subnormal which is causing further increase in inventories. The 41-43 grade is traded at 2⅞c. resale, and 3c. for the 42-44 grade. Should the rains which have occurred in North Central states spread materially a pick up in trading would develop in this product.

DISTILLATES.—The market is still nominal although breaking away from the inactivity of the summer. The No. 1 is quoted at 3c. resale while straw is 2⅞c. The 32-36 No. 2 grade is 2¾c. while the dark is 2⅝c., the No. 3 ranges from 2½c. to 2¾c. per gallon.

FUEL OIL.—The 24-28 degree gravity and low cold test is quoted 95c. to $1 per barrel while the higher cold test is 77½c. to 82½c. The low gravities are quoted from a low of 50c. per barrel. Refiners, however, are reluctant to quote over the third quarter.

LUBRICANTS.—There is still a strong tone in this market and refiners say that the lower quotations in the Pennsylvania market will not likely affect Mid-continent quotations. Inventories are still low although production will be increased at one of the large plants in the near future.

Chicago, Sept. 3.—Although consumption of gasoline is still holding up at the end of the big demand season, tankcar prices have dropped off additionally, with sellers in some cases apparently trying to get their stocks down to the lowest possible levels by Labor Day. The market, while it probably should not be termed weak, is easy and spotty. Some cases of local price cuts are operating against the general tankcar market through the medium of local protection. Kerosene is at a low price level, with movement a little better. A better tone is noted in the good heating oils, although their prices have shown little change. Heavy fuels and heavy gas oils are showing strength and the former are in sharp demand, due to brisk industrial operations. Lubricants are mostly steady and unchanged.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; middle octane motor, 5½c. to 5⅝c.; high octane motor, 5¾c. to 5⅞c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 4⅞c. to 5c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE.—42-44, water white, 3¼c. to 3½c. per gallon; 41-43, water white, 3c. to 3¼c.

FURNACE OILS.—No. 1 prime white, 3c. to 3½c. per gallon; No. 1, straw, 2⅞c. to 3c.; No. 2, straw, 2¾c. to 2⅞c.; No. 2, dark, 2⅝c. to 2⅞c.; 32-36, dark, industrial gas oil, 2⅜c. to 2⅝c.

FUEL OILS.—No. 3, 2⅝c. to 2¾c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 70c. to 75c.; No. 6, 62½c. to 65c.

New Orleans, Sept. 1.—The domestic market continued firm with no changes in quotations with the exception of motor gasoline which reflected a slight drop. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 6½c. per gallon at refinery. U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6⅝c. and 68-70 octane at 7½c.—all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene continued steady at 5¾c. per gallon at refinery.

The demand for Bunker C fuel oil was good at a price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. This grade also continued in good demand on the part of industrial plants at a quoted price of $1.36 per barrel, delivered.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-Sept. 5	1935 Jan. 1-Sept. 5
Commercial crude oil production	721,792,000	643,955,000
	Week ended Sept. 5, 1936	Week ended Sept. 7, 1935
Daily average production	3,022,700	2,674,400
	Week ended Aug. 29, 1936	Week ended Aug. 22, 1936
Estimated motor fuel stock total	60,433,000	61,071,000
Estimated finished motor fuel stocks in refineries	34,392,000	34,864,000

Britain Continues K.I.D. Exemptions

(Continued from page 3)

Cocaine, crude
Coryfin
Copper methylarsenate
Cyclohexenylethylmalonylurea
Dial (diallylbarbituric acid)
Dicyandiamide
Didial (ethylmorphine diallylbarbiturate)
Dimethyl sulphate
Diphenyl
Diphenyl oxide
Dipropylmalonic acid
Dysprosium oxide
Elbon (cinnamoylparaoxyphenylurea)
Erbium oxide
Ethyl abietate
Ethylcellulose
Ethylene bromide
Eukodal
Europium oxide
Filicic acid
Furfurol
Gadolinium oxide
Germanium oxide
Glycol esters
Holmium oxide
Holocaine
Isobutylallylbarbituric acid
Kryofin
Lead tetraethyl
Lipoiodin
Lutecium oxide
Melubrin
Mercury-sodium salicylallylamino-ortho-acetate
Metaldehyde
Methyl anthranilate
Methylcellulose
Methylcyclohexanol methyladipate
Methylene chloride
N-Methylethylphenylmalonylurea
N-Methylgammagammacyclohexenyl-methylmalonylurea
N-Methylgammagammacyclohexenyl-methylmalonylurea-sodium
Methylsulphonal (trional)
Nickel hydroxide
Orthoform
Orthoform, new
4-Oxy-3-ethylaminophenylarsinic acid-N-methyltetrahydropyridinbetacarboxylic acid methylester
Oxymethylparaoxyphenylbenzylamine methylsulphate
Paraphenetidin
Phenazone (antipyrene)
Phloroglucin
Phytin
Piperazine
Potassium chlorate (R)
Potassium ethylxanthogenate
Potassium guaiacolsulphonate
Potassium hydroxide (R)
Potassium permanganate (R)
Propionic acid
Pseudocumenol
Pyromidonveronal
Quinine ethylcarbonate
Radium compounds
Safrol
Sajodin
Salol (phenyl salicylate)
Salophen
Samarium oxide
Scandium compounds
Sodium ethylmethylbutylbarbiturate
Strontium carbonate
Strontium nitrate
Sulphonal
Synthalin
Terbium oxide
Theocine (theophylline)
Thulium oxide
Valyl
Vanadium-silica compounds specially prepared for use as catalysts for sulphuric acid manufacture
Ytterbium oxide
Yttrium oxide

British imports of chemicals liable to key industry duty during the first six months of the current year amounted to £482,334. These imports in the corresponding period in 1935 had a total value of £438,347.

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended September 2

Cassia oil, 10 drums; not U.S.P.
Codliver oil, 104 drums; non-destearinated and not so labeled.
Fennel seed, 94 bags; filthy.
Guaiac, 10 barrels; excess acid-insoluble ash.
Medicinal preparations, 8 cases; false therapeutic claims.
Nutmegs, technical, 245 bales; restricted use.

Buffalo

Week Ended September 2

Medicinal preparations, 7 cases; false therapeutic claims.

Los Angeles

Week Ended August 27

Medicinal preparations, 10 pieces; false therapeutic claims.

Philadelphia

Week Ended September 2

Codliver oil, 5 barrels; misbranded as to vitamin content.
Codliver oil, 100 barrels; not U.S.P.
Wool fat, technical, 50 barrels; restricted use.

San Francisco

Week Ended August 27

Medicinal preparations, 12 pieces; false therapeutic claims.

BORAX
Reg. U. S. Pat. Off.
PURITY GUARANTEED OVER 99.5%
AND BORIC ACID
Reg. U. S. Pat. Off.
TRONA
Reg. U. S. Pat. Off.
"TRONA" MURIATE OF POTASH
TRONA
Reg. U. S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

Fertilizer Materials

Chilean Nitrate Offered for September Only—Sulphate Advances in Accordance With Schedule — Organics Continue Strong and Scarce—Bone Materials Up

Nitrate of soda and sulphate of ammonia figured in the outstanding developments of the week's performances in the agricultural chemicals market. Nitrate's point for interest was the appearance of September prices for Chilean material. The Chilean article is not offered to the fertilizer trade beyond the end of the month and contrasts with the domestic synthetic product which is offered through the season with an increase of a dollar per ton in the price for October-June delivery. Importers, however, are offering October-June deliveries to chemical manufacturers at the same prices named to all buyers by the makers of the synthetic product. This move was first made on Thursday. Sulphate of ammonia's role in the week's doings was an advance in price on Tuesday which took place in accordance with the precept of the schedule established some weeks ago. At the advanced price of the current September-November bracket, sulphate is in a strong position and some mills face difficulty in filling the September orders that were taken at lower prices at the time when September prices were the same as the August levels which just expired.

Organics continue strong but the advances of the past week were not so numerous as in recent weeks. Supplies are light in all directions and both feeders and fertilizer makers seem anxious to take anything that is offered. Sellers whose supplies have been exhausted have re-purchased and then resold several parcels, giving the initial buyers handsome profits on the turnover.

Superphosphate prices for the Southeastern buyers are now expected within a few days, according to the word from Atlanta. Whether or not this signalizes that the bulk of the low-priced offerings in the Southeast have been absorbed cannot be determined but in any event some of the buyers who were alive to the situation have some nice property in superphosphate now. Some material was reported bought at record low figures.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ammonia sulphate, Sept.-Nov. divy., 50c. per ton.
Blood, dom., Chicago, 50c. per unit.
import, 10c. per unit.
Bone, raw, dom., Atlan. ports, 50c. per ton.
steamed, Chicago, $1 per ton.
meal, dom., Chicago, $1 per ton.
import, 75c. per ton.
Fish scrap, Calif. sardine meal, 5c. per unit.
Nitrogenous material, dom., West, 15c. per unit.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
62.9	62.9	62.9	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda. — Importers of the Chilean product named prices for September delivery on Monday of last week. The prices named for August were repeated for September and the Chilean is not offered to the fertilizer trade beyond this month. As reported previously the domestic manufacturers quote unchanged prices for September and an advance of $1 per ton for October-June, 1937 delivery. The September prices quoted by sellers of natural and synthetic are based at $24.50 per ton for material in bulk with usual differentials for bagged material. The October-June schedule named only by the makers of the domestic product is based at $22.50 per ton for bulk material and with the usual differentials for bags. By exchange of notes with the Chilean Ambassador at Berlin, the German government has allowed duty free importation of 19,504 tons of Chilean nitrate from August 25, 1936, to June 30, 1937, according to the Department of Commerce. This quantity is additional to contingent of 80,000 tons agreed upon by exchange of notes last September.

Sulphate of Ammonia. — Although monthly production has been maintained at well over 50,000 tons during recent months and it is likely to be greater through the Fall months, the bookings have been large enough to hold prices securely. Despite the heavy sales of liquids at lower prices during the early days of the season, sulphate bookings have been surprisingly large and some mills are unable to fill the September demands. Some foreign selling activity is reported on the West Coast but there is no foreign activity here and it seems doubtful that there will be. In that event, a firm market is assured through the Fall months and most likely through December. The Spring market's position depends upon the consumption, but even if the buyers do not need additional supplies in the early part of 1937, it seems more rational to consider that mills would prefer to carry stocks over rather than alter the market against the heavy bookings of the early part of the season. Export prospects do not hold the promise to equal that of last season. Japan with an exportable surplus seems definitely out of the market here and Spain, the largest purchaser in 1935 and a large purchaser last Winter is hardly expected to have a need for surphate now. However, there is a growing export sale of American surphate in Puerto Rico and Hawaii. According to the precept of the price schedule, prices were advanced 50c. per ton on Tuesday of last week. September-November delivery prices are now based at $25.50 per ton at the ports and prices for December-June delivery are 50c. per ton additional.

Dried Blood.—Although some prices emanating from the Chicago district continue at $4 per unit, there were sales at $4.50 per unit and that figuse is asked in most directions. New York holders quote $4.25 per unit after recent sales at $4 per unit. Imported material sold at $3.50 per unit, an advance of 5c. over the preceding sale, and it is now held firmly for $3.60 per unit, c.i.f.

Fish Scrap. — Unground menhaden scrap was last traded at $3.25 per unit, f.o.b. Chesapeake factory, when-and-if-made. Fishing turned poor after a week or so of good returns. The price of meal at Baltimore is unchanged at $47 to $48 per ton with a tendency toward the higher figure. Japanese sardine is unchanged at $43.50 to $44 per ton, for No. 1 grade, and as reported in the late market summary of last week's issue, a sale was registered at $43.50. The California material offered here is believed to be resale and is now named at $3.70 and 10c. per unit-ton, c.i.f. East Coast ports, an advance of 5c. over the preceding week's asking price. Unless there is a very good production of sardine in West Coast waters it is unlikely that there will be any available for Eastern buyers this season. Acid scrap may be available at some Eastern manufacturing points but there have been no trades reported during recent weeks and this department is unaware of what the material might be bought for.

Nitrogenous Material.—Quotations at Carrollville have advanced 15c. per unit to the basis of $2.50 per unit of ammonia, basis Carrollville, for Fall shipment, bulk, 11 percent for freight. The price at Chemical is unchanged at $2.50 per unit and the Norfolk quotation is $2.75. Foreign is around $2.75 to $2.85 where available.

Tankage. — The New York market holds nominally at $4 and 10c. per unit-ton, with practically no offerings and no trades reported during the past week. Fertilizer grade continues at $3.50 in Chicago with $3.40 named at river points; feeding grade in Chicago is $4.75 and 10c. with little offered. The imported article was last sold at $3.65 and 10c. per unit-ton, and is believed to be still available at that figure.

Potashes

Buyers seeking the 5 percent discount allowed for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from October 1 to December 31, must place orders with specifications prior to October 1. There is not much new business being booked now but there is likely to be the usual rush in the closing days of the month. Orders placed prior to December 1, 1936, for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from December 1, 1936, to February 28, 1937, are subject to 2 percent discount.

Phosphates

Reports from Atlanta indicate that superphosphate prices to Southeastern buyers may be named within a few days. Since the prices were expected some weeks ago, there has been a widespread offering by one factor at prices that would seem mighty cheap property to the buyers. In fact, the prices that are mentioned in the market's gossip are lower than superphosphate has ever been sold. Bone products continue strong and there were further advances in both the domestic and foreign products last week.

Bone Materials.—The Chicago price of 4¼c. and 50 raw bone held at $23 to $25 per ton and South American for import remained at $28 per ton, but domestic at Atlantic ports was raised 50c. to the basis of $29.50 per ton. Steamed 1½ and 60 in Chicago advanced $1 per ton to the basis of $17 to $18 per ton. Imported 3 and 50 meal was advanced 75c. per ton to $25.50 and the price of this article in Chicago advanced $1 per ton to the basis of $19 to $21 per ton.

Superphosphate. — July production was the largest monthly output in several years, exceeding last July by 20 percent, according to the N.F.A. report. Aggregate output was 200,326 tons against 166,580 tons and stocks at the end of the month were 937,953 tons against 816,094 tons at the beginning of the month and 1,072,125 tons at the end of July last year. Production for the January-June period was 1,449,225 tons against 1,340,856 tons in the same period of 1935.

Sulphur and Pyrites

The deliveries of crude sulphur against contracts continue in fairly good tonnage, according to the sellers. The Summer business has been a little better than expected. Prices remain unchanged at the long-standing level. According to the Department of Commerce attache in Rome, by ministerial decree, June 30, the minimum price for sulphur, net of all social insurance dues, which will be placed at the disposal of the sulphur sales bureau for the sale of Italian sulphur, by producers, for 1936-1937, are fixed as follows:—Superior yellow, 300 lire per ton; inferior yellow, 290 lire per ton; common, 278 lire per ton; and current, 270 lire per ton.

Markets at Other Centers

Atlanta, Sept. 2.—No marked change has yet taken place in the fertilizer material demand in the South, though as the Fall advances, interest in materials is expected to increase. Some manufacture of base goods has been under way. Production of this type is, however, lighter than usual. Hesitation in preparing for the next consuming season results from poor crop prospects and the high prices of organic ammoniates.

Fertilizer material prices are reported without material change. The long ex-

(Continued on page 63)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

DOMESTIC
SULPHATE OF AMMONIA AND AMMONIA LIQUOR
The Barrett Company
40 RECTOR ST. NEW YORK

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

Natural Nitrate of Soda
Natural Potash Nitrate
Natural Iodine

CHILEAN NITRATE SALES CORPORATION
120 BROADWAY, NEW YORK, N. Y.

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U. S. PAT. OFF.

MURIATE OF POTASH
High Grade
—also 50% K_2O
•
MANURE SALTS
Approx. 30% K_2O

UNITED STATES POTASH COMPANY, INC.
30 Rockefeller Plaza, New York, N. Y.

Shipping Information

All matter under this head fully protected by copyright

Imports at U.S. Ports

New York Imports

ACID, ADIPIC—27 bbls, 6,485 lbs, E I Du Pont de Nemours Co, Manhattan, Hamburg
CRESYLIC—49 dms, McKeesport, Hull
GALLIC—6 cks, Riedel de Hein, Hansa, Hamburg
TARTARIC—25 cks, 3,044 lbs, Leghorn Trading Co, Exochorda, Genoa
AGAR AGAR—10 bls, R J Prentiss & Co, Asosam, Kobe
5 bls, Wood & Selick, Asosam, Kobe
20 bls, Mitsui & Co, Asosam, Kobe
ALBUMEN, BLOOD—7 bbls, Morningstar-Nicol, Manhattan, Hamburg
EGG—56 cs, D L Moss & Co, Shinko, Shanghai
112 cs, Stein, Hall & Co, Shinko, Hankow
22 cs, American Cyanamid & Chem Co, Tai Ping, Kobe
33 cs, Stein, Hall & Co, Kurama, Tientsin
28 cs, American Cyanamid & Chem Co, Kurama, Tientsin
PRODUCT, IMPURE—10 cks, 5,579 lbs, Franklin Import Co, Hansa, Hamburg
ALCOHOL, DENATURED—200 dms, C Esteva, Borinquen, San Juan
SULPHONATED—6 bbls, E I Du Pont de Nemours Co, President Roosevelt, Hamburg
ALOE—500 cs, Carabobo, Aruba
9 cs, S B Penick & Co, Saturnia, Trieste
ALUMINUM LEAF—1 cs, F L Kraemer & Co, Europa, Bremen
6 cs, B Henningson Co, Europa, Bremen
201 cs, Globe Shipping Co, Hansa, Hamburg
61 cs, Columbus, Bremen
AMMONIA CARBONATE—20 cs, 5 dms, American British Chem Supplies, Caledonia, Glasgow
10 cs, Jos Turner & Co, Samaria, Liverpool
PERCHLORATE—20 bbls, International Selling Corp, Collamer, Havre
SULPHOICHTHYOLATE—4 cks, 2,138 lbs, Mallinckrodt Chem Works, Exochorda, Genoa
ANISE—17 bgs, 2,272 lbs, J L Hopkins & Co, Exochorda, Marseilles
43 bgs, 5,760 lbs, Exochorda, Marseilles
STAR—102 bgs, S B Penick & Co, Asosan, Hongkong
102 bgs, R J Prentiss & Co, Asosan, Hongkong
28 bgs, Tai Ping, Canton
ANTIMONY ORE—890 bgs, Santa Isabel, Mollendo
1,854 bgs, Santa Isabel, Arica
639 bgs, Santa Isabel, Antofagasta
OXIDE—250 bgs, Metal & Thermit Corp, Shinko, Hankow
500 bgs, K R Bandekow, Shinko, Hankow
REGULUS—250 cs, Harshaw Chem Co, Shinko, Hankow
ARTIST'S MATERIAL—4 cs, Winsor & Newton, Georgic, London
8 cs, Gallagher & Ascher, Black Gull, Rotterdam
ASBESTOS—200 bgs, Standard Bank of S A, Atlantic, Capetown
4,668 bgs, Manica Trading Co, Atlantic, Beira
1,000 bgs, Raw Asbestos Distr, Atlantic, Beira
4,131 bgs, Isarco, Genoa
ASPHALT—315 dms, Shell Eastern Petroleum Prod Co, Manaar, Suez
340 bgs, A V Berner & Co, Seatrain Havana, Havana
700 bgs, A V Berner & Co, Yucatan, Vera Cruz
1,408 cakes, Columbus, Bremen
CRUDE—310 bgs, Central Comm'l Co, Seatrain Havana, Havana
BALSAM—6 cs, United Naval Stores Co, Cristobal, Central American Ports
BARIUM CHLORATE—20 bbls, International Selling Corp, Collamer, Havre
BARYTES—1,000 bgs, 110,000 lbs, Whittaker, Clark & Daniels, Isarco, Genoa
BAY RUM—12 pkgs, A Lafont, Borinquen, San Juan
BONE, PHOSPHATE—600 bgs, 133,012 lbs, J C Jett, Black Gull, Antwerp
BRISTLES—15 cs, Europa, Bremen
3 bbls, Globe Shipping Co, Scanpenn, Gdynia
41 cs, Chesnut, Cooper & Co, American Trader, London
6 cs, Continental Bank Trust Co, American Trader, London
9 cs, Schenker & Co, American Trader, London
8 cs, Guaranty Trust Co, American Trader, London
91 cs, American Trader, London
51 cs, Corn Exchange Bank Trust Co, Aquitania, Southampton
2 cs, Manufacturers' Trust Co, Columbus, Bremen
25 cs, F H Cone & Co, Shinko, Kobe
3 cs, Iwai & Co, Shinko, Kobe
100 cs, F H Cone & Co, Shinko, Shanghai
100 cs, National City Bank, Shinko, Shanghai
15 cs, F W Von Stade, Tai Ping, Kobe
55 cs, F H Cone & Co, Tai Ping, Kobe
7 cs, F H Cone & Co, Kurama, Kobe
10 cs, F W Von Stade, Kurama, Kobe
20 cs, Iwai & Co, Kurama, Kobe
66 cs, N Wagman & Co, Kurama, Dairen
206 cs, F H Cone & Co, Kurama, Tientsin
15 bbls, Bank of London-South America, Breedijk, Rotterdam
BUCHU LEAVES—4 bls, S B Penick & Co, Aquitania, Southampton
10 bls, Aquitania, Southampton
BUCKTHORN BARK — 250 bls, 55,000 lbs, Amtorg Trading Corp, Scanpenn, Leningrad
CADMIUM TRISALYT—1 cs, 132 lbs, J D Irwin & Co, Hansa, Hamburg
CAMPHOR, REFINED—160 cs, Mitsui & Co, Asosan, Kobe
CANARY SEED—700 bgs, A G Dunn, Executive, Casablanca
CARAWAY SEED—100 bgs, 11,000 lbs, M Van Sillevoldt, Breedijk, Rotterdam
100 bgs, 11,000 lbs, Biddle Purchasing Co, Breedijk, Rotterdam
160 bgs, 22,000 lbs, R L Friedler, Breedijk, Bremen
100 bgs, 11,000 lbs, N C Littauer, Breedijk, Bremen
50 bgs, 6,500 lbs, Black Diamond Seed Corp, Breedijk, Bremen
CARDAMOM—20 cs, Barber S S Co, Georgic, London
CASEIN—70 bgs, D C Andrews & Co, Hansa, Hamburg
401 bgs, Collamer, Havre
333 bgs, Samaria, Liverpool
834 bgs, T M Duche & Sons, Northern Prince, Buenos Aires
CASSIA—433 pkgs, H P Winter & Co, Salabangka, Padang
180 bls, Cingalese Prince, Hongkong
265 pkgs, H P Winter & Co, Kota Pinang, Padang
400 bls, Durkee Famous Foods, Asosan, Hongkong
100 bls, Tai Ping, Canton
CASTOR BEANS—1,680 bgs, Philadelphia National Bank, West Calumb, Para
3,386 bgs, West Calumb, Para
1,750 bgs, Northern Prince, Santos
CELERY SEED—30 bgs, 6,600 lbs, O Gerdau Co, Exochorda, Marseilles
50 bgs, 11,110 lbs, Exochorda, Marseilles
CHALK—10 cs, Shinko, Kobe
BLOCK—500,000 kilos, Taintor Trading Co, Collamer, Dunkirk
PRECIPITATED—525 bgs, H J Baker & Bros, Montreal City, Bristol
80 bgs, American Trader, London
CHAMOIS—3 cs, Chase Natl Bank, President Roosevelt, Havre
CHEMICALS—3 bbls, Lo Curto & Funk, Ile de France, Havre
9 cs, Ampre Drug Co, Ile de France, Havre
10 cks, Riglander-Hammel Co, Ile de France, Havre
25 cs, Bergstrom Trading Co, Gripsholm, Gothenburg
2 cks, Stanley Doggett, Europa, Bremen
20 cs, P C Kuyper & Co, Europa, Bremen
6 cs, Europa, Bremen
7 bbls, 2,395 lbs, National City Bank, Hansa, Hamburg
20 cks, 2,398 lbs, E I Du Pont de Nemours & Co, Hansa, Hamburg
1,524 bgs, Advance Solvents & Chem Co, Hansa, Hamburg
6 cs, 1,936 lbs, Pfaltz & Bauer, Hansa, Hamburg
14 cs, 3,594 lbs, American Cyanamid & Chem Co, Hansa, Hamburg
16 cks, 1 dm, Jungmann & Co, Hansa, Hamburg
20 cks, 12,012 lbs, Ore & Chem Co, Hansa, Hamburg
5 cs, 688 lbs, Harshaw Chem Co, Hansa, Hamburg
100 balloons, 11,176 lbs, Hansa, Hamburg
40 cks, 2 demjs, Hansa, Hamburg
2 cs, Yardley & Co, Georgic, London
10 bbls, Lowenstein & Co, Normandie, Havre
10 cs, Ciba Co, Normandie, Havre
10 cks, Stanley, Doggett, Columbus, Bremen
75 cks, 10 cs, Hummel Chem Co, Columbus, Bremen
11 cs, 1 ck, 13 carboys, Pfaltz & Bauer, Columbus, Bremen
12 cks, 11,693 lbs, Philip Bauer Co, Black Gull, Rotterdam
4 cks, 3,075 lbs, Advance Solvents & Chem Co, Black Gull, Rotterdam
30 demjs, 4,338 lbs, Merck & Co, Black Gull, Rotterdam
125 carboys, 26,767 lbs, African Metals Corp, Black Gull, Rotterdam
20 bbls, 12,540 lbs, African Metals Corp, Black Gull, Rotterdam
11 cks, 50 bgs, American Cyanamid & Chem Co, Breedijk, Rotterdam
14 dms, Michel Export Co, Breedijk, Rotterdam
5 cks, Advance Solvents & Chem Co, Breedijk, Rotterdam
6 cks, Jungmann & Co, Breedijk, Rotterdam
75 cks, Robinson, Wagner Co, Breedijk, Rotterdam
50 bbls, Stanley, Doggett, Breedijk, Rotterdam
15 dms, Innis, Speiden & Co, Breedijk, Rotterdam
PRINTING—72 dms, 9,317 lbs, Sonefelder Co, Hansa, Hamburg
CHINA, CLAY—10 bgs, H H Davidson, Hansa, Hamburg
307 bgs, 12 cks, Orbis Product Trading Co, Samaria, Liverpool
CINCHONA BARK—7 cs, 704 lbs, J L Hopkins & Co, Black Gull, Rotterdam
PRODUCT—25 cs, R W Greeff & Co, Breedijk, Rotterdam
CLAY—450 bgs, 99,000 lbs, W Manley, Hansa, Hamburg
275 bgs, Milton Greenebaum, Breedijk, Rotterdam
188 bgs, W Manley, Manhattan, Hamburg
COALTAR INTERMEDIATES—2 dms, Sandoz Chem Works, Europa, Bremen
4 cks, General Aniline Works, Black Gull, Rotterdam
20 dms, 110 cks, 3 tons, General Aniline Works, Breedijk, Rotterdam
COATING POWDER—58 bgs, 6,457 lbs, Philipp Bros, Hansa, Hamburg
COBALT METAL—40 cks, 20,944 lbs, Electro Metallurgical Co, Black Gull, Antwerp
COCOA BEANS—1,000 bgs, Corn Exchange Bank Trust Co, Frost, Ilheus
1,000 bgs, National City Bank, Frost, Ilheus
3,000 bgs, Guaranty Trust Co, Frost, Ilheus
3,000 bgs, Public Natl Bank, Frost, Ilheus
500 bgs, Brown Bros-Harriman Co, Frost, Ilheus
3,000 bgs, Grace Natl Bank, Frost, Ilheus
510 bgs, Bankers Trust Co, Frost, Ilheus
1,800 bgs, Frost, Ilheus
21 bgs, Curacao Trading Co, Borinquen, Santo Domingo
20 bgs, P R Ricones, Jr & Co, Amor, Curacao
427 bgs, Meyer & Co, Amor, Curacao
106 bgs, Scholtz & Co, Amor, Curacao
32 bgs, Curacao Trading Co, Amor, Jeremie
25 bgs, Amor, Jeremie
300 bgs, Collamer, St Lucia
338 bgs, Carr Bros, San Jacinto, Porto Plata
53 bgs, Royal Bank of Canada, San Jacinto, Porto Plata
116 bgs, Gillespie & Co, San Jacinto, Sanchez
250 bgs, W R Grace & Co, Santa Inez, Cristobal
172 bgs, Machado & Co, Carabobo, La Guaira
148 bgs, Meyer & Co, Carabobo, La Guaira
56 bgs, Meyer & Co, Carabobo, Puerto Cabello
2,622 bgs, Carabobo, Puerto Cabello
1,550 bgs, Atlantic, Trinidad
1,000 bgs, A Hirsch & Co, Satartia, Bahia
COCOA BEANS—1,250 bgs, Wessel, Kulenkampff & Co, Satartia, Bahia
500 bgs, Wessel, Duval & Co, Satartia, Bahia
500 bgs, Satartia, Bahia
500 bgs, W R Grace & Co, West Calumb, Bahia
400 bgs, West Calumb, Bahia
4,000 bgs, Philadelphia Natl Bank, Trione, Ilheos
1,000 bgs, Bank of London South America, Trione, Ilheos
500 bgs, National City Bank, Trione, Ilheos
1,000 bgs, Trione, Ilheos
26 bgs, W & A Leaman, Martinique, Jeremie
250 bgs, Northern Prince, Port Spain
COCOABUTTER—13 cs, R W Greeff & Co, Breedijk, Rotterdam
COCONUTS—37 bgs, 3,700 lbs, Simons & French, Borinquen, San Juan
6 bgs, 600 lbs, S Solomon, Borinquen, San Juan
11 bgs, 1,100 lbs, J Di Cristina, Borinquen, San Juan
10 bgs, 1,000 lbs, E Garcia, Borinquen, San Juan
1,000 bgs, 100,000 lbs, I L Toledano Corp, Cristobal, Cristobal
1,577 bgs, 157,700 lbs, Franklin Baker Co, Colombia, Kingston
654 bgs, 65,400 lbs, A N Leakway & Co, Colombia, Kingston
1,600 bgs, 160,000 lbs, Fruit Despatch Co, Colombia, Kingston
200 bgs, Universal Import & Export Co, Toloa, Kingston
COCONUT, DESIC—26 cs, Balfour, Guthrie & Co, Tai Ping, Manila
715 cs, Dodwell & Co, Tai Ping, Manila
COLORS — 1 cs, Andre L Causse, Ile de France, Havre
3 pkgs, Fulton Import Co, Normandie, Havre
2 pkgs, Sibner, Hegner & Co, Normandie, Havre
9 bbls, Pomerance Co, Normandie, Havre
8 bbls, Isarco, Genoa
ARTISTS' — 10 cs, Phoenix Shipping Co, Breedijk, Rotterdam
CERAMIC—1 cs, Samaria, Liverpool
COALTAR—15 kegs, General Dyestuff Corp, Black Gull, Rotterdam
DRY—6 cks, C J Osborn & Co, Breedijk, Rotterdam
EARTH—46 cks, Fezandie & Sperrle, Columbus, Bremen
52 cks, Calco Chem Co, Columbus, Bremen
15 cks, 7,524 lbs, Stanley Doggett, Black Gull, Rotterdam
PRINTING—5 cs, 7 cans, J E Mandlik, Hansa, Hamburg
COPAIBA BALSAM—73 cs, Telamon, Para
CORIANDER SEED—800 bgs, H S Cramer & Co, Executive, Casablanca
300 bgs, E E Marks & Co, Executive, Casablanca
200 bgs, Van Norden & Co, Executive, Casablanca
500 bgs, Knickerbocker Mills Co, Executive, Casablanca
975 bgs, Executive, Casablanca
CORK—123 bls, Executive, Casablanca
WOOD—1,189 bls, Crown Cork Seal Co, Executive, Lisbon
COTTON LINTERS—181 bls, Northern Prince, Santos
CUMIN SEED—300 bgs, 33,000 lbs, P H Petry & Co, Exochorda, Marseilles
CUTTLEFISH BONES — 80 cs, Rene Moelhausen, Aquitania, Southampton
75 cs, American Cuttlefish Bone Co, Saturnia, Trieste
128 cs, S B Penick & Co, Saturnia, Trieste
DEXTRIN — 4 bbls, Forum Trading Co, Hansa, Hamburg
DIPHENYLENE OXIDE — 1 ck, Charles Hardy, Breedijk, Rotterdam
DUTCH METAL—2 cs, B F Drakenfeld & Co, President Roosevelt, Bremen
10 cs, Black Diamond S S Co, Black Gull, Antwerp
DYES, ALIZARIN—6 cks, E I Du Pont de Nemours & Co, Samaria, Liverpool
9 cans, General Dyestuff Corp, Columbus, Bremen
9 cks, 3 dms, 15 jugs, General Dyestuff Corp, Breedijk, Rotterdam
ANILIN—55 pkgs, Ciba Co, Ile de France, Havre
23 bbls, Geigy Co, Ile de France, Havre
75 pkgs, Carbic Color & Chem Co, Ile de France, Havre
22 dms, Sandoz Chem Works, Europa, Bremen
28 cks, 1 cs, General Dyestuff Corp, Europa, Bremen
9 cks, General Dyestuff Corp, Hansa, Hamburg
21 pkgs, Sandoz Chem Works, Normandie, Havre
23 pkgs, Geigy Co, Normandie, Havre
90 pkgs, Ciba Co, Normandie, Havre
34 cks, General Dyestuff Corp, Columbus, Bremen
46 dms, 1 cs, 79 cks, General Dyestuff Corp, Breedijk, Rotterdam
EGG YOLK, HEN—10 cs, D L Moss & Co, Tai Ping, Shanghai
56 cs, American Cyanamid & Chem Co, Tai Ping, Kobe
224 cs, Stein, Hall & Co, Kurama, Tientsin
56 cs, T M Duche & Sons, Kurama, Tientsin
20 cs, J Zuckman, Kurama, Tientsin
FENNEL SEED—100 bgs, Silverfir, Bombay
FILTER PAPER—6 cs, 2,816 lbs, Hansa, Hamburg
13 cs, H Reeve Angel & Co, Georgic, London
12 cs, J E Bernard & Co, Gripsholm, Gothenburg
FLAXSEED—78 bgs, 171 bu, National City Bank, Northern Prince, Buenos Aires
487 tons, 19,480 bu, Bunge North American Grain Co, Northern Prince, Buenos Aires
225 bgs, 495 bu, Bunge North American Grain Co, Northern Prince, Buenos Aires
FLEASEED—50 bgs, 11,000 lbs, Exochorda, Marseilles
FULLER'S EARTH—750 bgs, L A Salomon & Bros, Montreal City, Bristol
250 bgs, L A Salomon & Bros, Georgic, London
GELATIN—100 bgs, R McLellan, Black Gull, Rotterdam
70 bgs, Robt D McLellan, Breedijk, Rotterdam
GENTIAN ROOT—23 bls, 5,060 lbs, American Express Co, Exochorda, Marseilles
11 bls, Peek & Velsor, Saturnia, Dubrovnik
17 bls, S B Penick & Co, Saturnia, Dubrovnik
GINGER ROOT—20 bgs, P R Express Co, Borinquen, San Juan
7 bbls, 7 bgs, J Di Cristina, Borinquen, San Juan
GINGER ROOT—1,471 bgs, Georgic, London
167 bgs, Barclay Bank, Colombia, Kingston
15 bgs, Barclay Bank, Toloa, Kingston
GLASS, PLATE—17 cs, Globe Shipping Co, Columbus, Bremen
WINDOW—50 cs, L Solomon & Son, President Roosevelt, Hamburg
193 cs, President Roosevelt, Hamburg
14 cs, Leo Popper & Sons, President Roosevelt, Hamburg
5 cs, Leo Popper & Sons, Samaria, Liverpool
79 cs, Semon, Bache & Co, Black Gull, Antwerp
25 cs, J H Faunce, Black Gull, Antwerp
43 cs, Semon, Bache & Co, Manhattan, Hamburg
291 cs, Manhattan, Hamburg
GLUE—74 pkgs, International Selling Corp, Ile de France, Havre
300 bgs, President Roosevelt, Hamburg
169 bgs, 26 cs, International Selling Corp, Westernland, Antwerp
392 bgs, Isarco, Genoa
448 bgs, Isarco, Naples
2 cks, General Aniline Works, Columbus, Bremen
1,340 bgs, Saturnia, Trieste
600 bgs, L H Lang & Van Gelder, Manhattan, Hamburg
BONE—350 bgs, Hansa, Hamburg
6 cks, General Aniline Works, Breedijk, Rotterdam
SHEETS—135 bgs, Hansa, Hamburg
MARINE—7 crates, L W Ferdinand & Co, American Trader, London
GLYCERIN—19 dms, Montreal City, Bristol
46 dms, Isarco, Genoa
100 dms, Armour Soap Works, Exochorda, Marseilles
GRAPHITE—100 bbls, Asbury Graphite Mills, Speybank, Colombo
343 bgs, Bank of Manhattan, Speybank, Colombo
1,332 bgs, Asbury Graphite Mills, Manaar, Colombo
100 bbls, Manaar, Colombo
GUM—8 bbls, 15 cs, American Trader, London
ARABIC — 250 bgs, American Cyanamid & Chem Co, Manaar, Port Sudan
250 bgs, Henry Heide, Manaar, Port Sudan
300 bgs, Innis, Speiden & Co, Speybank, Port Sudan
450 bgs, S B Penick & Co, Speybank, Port Sudan
550 bgs, Thurston & Braidich, Speybank, Port Sudan
150 bgs, Paul A Dunkel & Co, Speybank, Port Sudan
250 bgs, McKesson & Robbins, Speybank, Port Sudan
150 bgs, Frank Vliet Co, Manaar, Port Sudan
300 bgs, Innis, Speiden & Co, Manaar, Port Sudan
150 bgs, T M Duche & Sons, Manaar, Port Sudan
400 bgs, S B Penick & Co, Manaar, Port Sudan
150 bgs, National Adhesive Corp, Manaar, Port Sudan
ASAFETIDA—38 jottas, Silverfir, Bombay
135 cs, Anglo-South American Trust Co, Speybank, Aden
10 cs, R J Prentiss & Co, Speybank, Aden
BENZOIN—5 cs, President Roosevelt, Havre
1 cs, 160 lbs, Exochorda, Marseilles
CHICLE—415 pkgs, Mexican Exploitation Co, Yucatan, Vera Cruz
COPAL—165 baskets, Chase National Bank, Salabangka, Tominibay
64 bgs, Manufacturers' Trust Co, Salabangka, Macassar
354 baskets, Chase National Bank, Salabangka, Macassar
410 baskets, O G Innes Corp, Salabangka, Macassar
1 pkg, Van Norden & Co, Cingalese Prince, Macassar
113 baskets, L N Jackson & Co, Cingalese Prince, Macassar
67 baskets, G W S Patterson & Co, Cingalese Prince, Macassar
190 baskets, S Winterbourne & Co, Cingalese Prince, Macassar
339 baskets, O G Innes Corp, Kota Pinang, Macassar
61 baskets, Kota Pinang, Macassar
111 baskets, Mitsui & Co, Kota Pinang, Macassar
50 bgs, Gillespie-Rogers-Pyatt Co, Black Gull, Antwerp
DAMMAR—100 cs, Stroock & Wittenburg, Salabangka, Batavia
50 cs, 50 bgs, Manufacturers Trust Co, Salabangka, Batavia
125 cs, G W S Patterson & Co, Salabangka, Batavia
100 cs, Gillespie, Rogers, Pyatt Co, Salabangka, Batavia
50 cs, Mitsubishi Shoji Kaisha, Salabangka, Batavia
150 cs, Salabangka, Batavia
100 cs, O G Innes Corp, Salabangka, Padang
7 bgs, Van Norden & Co, Cingalese Prince, Macassar
54 bgs, France, Campbell & Darling, Cingalese Prince, Macassar
131 bgs, S Winterbourne & Co, Cingalese Prince, Macassar
200 cs, Gillespie, Rogers, Pyatt Co, Cingalese Prince, Batavia
350 bgs, Manufacturers Trust Co, Cingalese Prince, Singapore
210 bgs, American Cyanamid & Chem Co, Cingalese Prince, Singapore
50 cs, 350 bgs, G W S Patterson & Co, Cingalese Prince, Singapore
280 bags, O G Innes Corp, Cingalese Prince, Singapore
210 bgs, Thurston & Braidich, Cingalese Prince, Singapore
100 cs, Kota Pinang, Batavia
50 cs, O G Innes Corp, Kota Pinang, Singapore
70 bgs, 50 cs, G W S Patterson & Co, Kota Pinang, Singapore
210 bgs, France, Campbell & Darling, Kota Pinang, Singapore
GAMBOGE—5 cs, Cingalese Prince, Singapore
PERILLA—18 pkgs, Chicle Development Co, Colombia, Puerto Colombia
SANDARAC—33 bbls, Executive, Casablanca
TALHA—400 bgs, P A Dunkel & Co, Speybank, Port Sudan
TRAGACANTH—27 bgs, E Meer & Co, Hansa, Hamburg
18 bgs, Georgic, London
1,104 bgs, E Meer & Co, President Roosevelt, Hamburg
VEGETABLE—50 bgs, 10 cs, Exochorda, Genoa
YACCA—975 bgs, Wichita, Adelaide
GYPSUM—3,500 tons, U S Gypsum Co, Gypsum Empress, Windsor
2,200 tons, Atlantic Gypsum Prod Co, Evviva, Dingwall

HERBS, MEDICINAL—13 bls, Westernland, Antwerp
4 bls, Saturnia, Trieste
7 bls, S B Penick & Co, Saturnia, Trieste
HOPS—20 bls, Bode & Voigt, Hansa, Hamburg
12 cs, 2 bls, S S Steiner & Co, Hansa, Hamburg
20 pockets, American Trader, London
20 bls, J Seidenberg, Manhattan, Hamburg
20 bls, R F Downing & Co, Manhattan, Hamburg
IRISH MOSS—50 bbls, Ile de France, Havre
10 bbls, Collamer, Havre
1 dm, P H Petry & Co, Aquitania, Southampton
IRON CHLORIDE—150 cks, 65,670 lbs, Philipp Bros, Hansa, Hamburg
ORE—5 dms, Reichard-Coulston, Samaria, Liverpool
20 bbls, Columbus, Bremen
OXIDE—17 cks, C J Osborn & Co, President Roosevelt, Southampton
20 cks, J A McNulty, Samaria, Liverpool
5 cks, J Lee Smith & Co, Samaria, Liverpool
1,000 bgs, J Lee Smith & Co, Breedijk, Rotterdam
250 cks, Reichard, Coulston, Breedijk, Rotterdam
SULPHOCHLORIDE—8 cks, D C Andrews & Co, Breedijk, Rotterdam
JALAP ROOT—15 bgs, Yucatan, Vera Cruz
JUNIPER BERRIES—91 bgs, 10,780 lbs, Peek & Velsor, Isarco, Leghorn
KOLA NUTS—140 bgs, J C Paton Co, Tolosa, Kingston
KYANITE ORE—10 tons, 7 cwts, Speybank, Calcutta
LAVENDER FLOWERS—28 bgs, 4,510 lbs, S B Penick & Co, Exochorda, Marseilles
LEAVES, MEDICINAL—13 bls, 1,342 lbs, Peek & Velsor, Hansa, Hamburg
11 bls, 2,233 lbs, S B Penick & Co, Hansa, Hamburg
19 bgs, 2,266 lbs, Exochorda, Marseilles
LICORICE PASTE—20 cs, 5,205 lbs, Wm M Allison & Co, Executive, Catania
LIME JUICE—70 cs, American Express Co, Georgic, London
LITHOPONE—600 cks, Benj Moore & Co, Breedijk, Rotterdam
MACE—48 cs, McLaughlin, Gormley & King, Cingalese Prince, Bonda
40 cs, Gallagher & Ascher, Breedijk, Rotterdam
MAGNESIA, CALCINED—50 cs, Schofield-Donald & Co, Samaria, Liverpool
CARBONATE—20 bgs, R & G, Inc, Samaria, Liverpool
101 bgs, 10 cs, Schofield-Donald & Co, Samaria, Liverpool
SUPEROXIDE—1 bbl, 283 lbs, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
MANGANESE, HYDRATED—2 cks, Samaria, Liverpool
MANIOC MEAL—50 bgs, West Indies Prod Co, Northern Prince, Rio de Janeiro
MANNA—25 cs, 3,960 lbs, S B Penick & Co, Executive, Palermo
MATCHES, SAFETY—4,000 cont, New York Match Co, Gripsholm, Gothenburg
MEDICINAL PREPS—9 cs, E Fougera & Co, Ile de France, Havre
9 cs, Burroughs, Wellcome & Co, Georgic, London
16 cs, Italian Drug Import Co, Rex, Genoa
MENTHOL—9 cs, New York Quinine & Chem Works, Georgic, London
25 cs, Kachurin Drug Co, Shinko, Kobe
METAL LEAF—2 cs, Phoenix Shipping Co, Hansa, Hamburg
MICA—25 cs, Philadelphia Natl Bank, Speybank, Calcutta
64 cs, Brown Bros, Harriman Co, Speybank, Calcutta
108 cs, Speybank, Calcutta
32 cs, Philadelphia Natl Bank, American Trader, London
21 cs, American Trader, London
53 cs, Gillespie-Rogers-Pyatt Co, Manaar, Calcutta
29 cs, Corn Exchange Bank Trust Co, Northern Prince, Rio de Janeiro
BLOCK—85 cs, Speybank, Calcutta
22 cs, Barber S S Co, Speybank, Port Said
FILM—14 cs, Speybank, Calcutta
SPLITTINGS—14 cs, General Electric Co, Speybank, Calcutta
50 cs, Mica Insulator Co, Speybank, Calcutta
86 cs, Speybank, Calcutta
215 cs, Manaar, Calcutta
MOLASSES—1,184,458 gls, Havana Molasses Co, Dixiana, Porto Tarafa
178,004 gls, National Sugar Refg Co, Seatrain Havana, Havana
175,000 gls, American Molasses Co, Munargo, Havana
MUSTARD SEED—150 bgs, I Harrison & Whitney, President Roosevelt, Hamburg
119 bgs, Charles Gulden, American Trader, London
200 bgs, 22,000 lbs, Charles Gulden, Black Gull, Rotterdam
MYROBALANS—5,120 bgs, Hammond & Carpenter, Silverfir, Bombay
436 bgs, Speybank, Calcutta
NAPHTHALENE—825 bgs, Hydrocarbon Prod Co, Wichita, Sydney
527 bgs, 121,763 lbs, Calco Chem Co, Black Gull, Rotterdam
150 bgs, 33,396 lbs, Charles Hardy, Black Gull, Antwerp
508 bgs, 112,877 lbs, Black Gull, Antwerp
NUTMEGS—33 bgs, Georgic, London
234 bgs, B H Old & Co, Breedijk, Rotterdam
OCHER—83 cks, 50,762 lbs, Reichard, Coulston, Exochorda, Marseilles
70 cks, 43,027 lbs, C K Williams & Co, Exchorda, Marseilles
OIL, ALMOND—7 cs, Dodge & Olcott Co, Georgic, London
10 cs, Ungerer & Co, Georgic, London
40 cs, Fritzsche Bros, Exochorda, Marseilles
15 dms, 25 cs, Magnus, Mabee & Reynard, Exochorda, Marseilles
ANISE—10 dms, Orbis Product Trading Co, Asosan, Hongkong
5 dms, Tai Ping, Canton
BERGAMOT—48 qtr cs, 1,999 lbs, Lo Curto & Funk, Executive, Messina
CAMPHOR—15 dms, Mitsui & Co, Asosan, Yokohama
25 dms, Magnus, Mabee & Reynard, Tai Ping, Yokohama
CINNAMON LEAF—4 dms, Volkart Bros, Speybank, Colombo
5 dms, J H Vavasseur & Co, Speybank, Colombo
CITRONELLA—8 dms, Catz American Co, Salabangka, Batavia
33 dms, Speybank, Colombo
5 dms, Barber S S Co, American Trader, London
COCONUT—475 tons, Colgate-Palmolive-Peet Co, Cingalese Prince, Manila
4,880 tons, Spencer Kellogg & Sons, Elizabeth Kellogg, Manila
1,089 tons, Philippine Refg Corp, Asosan, Cebu
quantity, Procter & Gamble Co, Kurama, Manila
CODLIVER—3 dms, H S Head, Hansa, Hamburg
200 dms, National Oil Product Co, Hansa, Hamburg
100 dms, Tobias T Pergament & Co, Manhattan, Hamburg
180 dms, J D Irwin & Co, Manhattan, Hamburg
10 bbls, 230 dms, Manhattan, Hamburg
OIL, CORN—120 cs, 60 dms, Corn Product Refg Co, Caledonia, Glasgow
50 dms, American Trader, London
53 dms, I R Boody & Co, Samaria, Liverpool
28 dms, N C Littauer, Black Gull, Antwerp
75 dms, I R Boody & Co, Breedijk, Rotterdam
ESSENTIAL—42 cs, 2 cks, Ile de France, Havre
5 dms, Platano, Porto Barrios
11 cs, Hansa, Hamburg
8 cs, American Trader, London
10 cs, Normandie, Havre
5 pkgs, Exochorda, Marseilles
19 cs, Breedijk, Rotterdam
EUCALYPTUS—5 dms, Canadian Cruiser, Melbourne
8 dms, Wichita, Melbourne
FISH—43 dms, S Emy, Asosan, Yokohama
FUEL—52,190 bbls, Anglo Mexican Petroleum Corp, San Zotico, Puerto Mexico
111,082 bbls, Standard Oil Co of N J, J A Monvinck, Aruba
108,000 bbls, Standard Oil Co of N J, Heinrich Riedemann, Aruba
111,500 bbls, Standard Oil Co of N J, Victor Ross, Aruba
83,000 bbls, Mexican Petroleum Corp, Calliope, Aruba
JUNIPER—2 dms, 877 lbs, Dodge & Olcott Co, Hansa, Hamburg
LEMON—2 cs, 140 lbs, Dodge & Olcott Co, Hansa, Hamburg
100 half cs, 7,700 lbs, Dodge & Olcott Co, Isarco, Messina
30 qtr cs, 1,141 lbs, P R Dreyer, Isarco, Messina
24 qtr cs, 440 lbs, Ungerer & Co, Executive, Messina
40 qtr cs, 1,584 lbs, Continental Bank & Trust Co, Messina
25 qtr cs, 900 lbs, Van Ameringen-Harbler, Executive, Messina
75 qtr cs, 2,987 lbs, Lo Curto & Funk, Executive, Messina
MINERAL—65 dms, Manhattan, Hamburg
OLIVE—50 dms, President Roosevelt, Hamburg
426 cs, Isarco, Genoa
50 dms, Banca Com'l Italian Trust Co, Isarco, Leghorn
2,700 cs, Isarco, Leghorn
450 cs, Exochorda, Genoa
25 cs, Exochorda, Marseilles
300 cs, Executive, Genoa
25 dms, 1,050 cs, Executive, Leghorn
ORANGE—3 dms, G J Danco, Exochorda, Marseilles
10 dms, 50 cs, Dodge & Olcott Co, Exochorda, Marseilles
10 cs, United Fruit Co, Tolosa, Kingston
20 cs, Magnus, Mabee & Reynard, Tolosa, Kingston
50 cs, Dodge & Olcott Co, Saturnia, Naples
PALM—490 tons, Van Leenwen, Boomkamp & Co, Salabangka, Belawan Deli
1,335 tons, Van Leenwen, Boomkamp & Co, Kota Pinang, Belawan Deli
27 dms, Frey, Horgan Corp, Breedijk, Rotterdam
10 dms, I R Boody & Co, Breedijk, Rotterdam
PALMAROSA—3 pots, Volkart Bros, Silverfir, Bombay
PALM KERNEL—56 dms, Welch, Holme & Clark, Samaria, Liverpool
PATCHOULI—1 dm, Continental Bank Trust Co, Salabangka, Batavia
PEANUT — 41 dms, Frey, Horgan Corp, Breedijk, Rotterdam
PEPPERMINT — 3 cs, 206 lbs, Dodge & Olcott Co, Hansa, Hamburg
PETITGRAIN — 10 cs, Northern Prince, Buenos Aires
PINENEEDLE—9 dms, Atlantic, White Sea & Baltic Co, Westernland, Antwerp
ROSEWOOD—30 dms, Telamon, Para
SAGE—8 pkgs, Dodge & Olcott Co, Saturnia, Trieste
5 bbls, Saturnia, Trieste
SESAME—1 cs, 25 dms, I R Boody & Co, Breedijk, Rotterdam
SOYBEAN — 41 dms, Frey, Horgan Corp, Breedijk, Rotterdam
TEASEED — 70 dms, I R Boody & Co, Shinko, Hankow
50 dms, Metal & Termit Corp, Shinko, Hankow
47 dms, I R Boody & Co, Breedijk, Rotterdam
TURTLE—8 cs, Edwin Seeback Co, Cristobal, Panama
URIKURI KERNEL—53 dms, 22,558 lbs, I R Boody & Co, Scanpenn, Copenhagen
2 dms, 800 lbs, Garber-Eagle Oil Co, Scanpenn, Copenhagen
ORRISROOT—39 bgs, 5,577 lbs, J L Hopkins & Co, Isarco, Leghorn
160 bgs, 24,475 lbs, Isarco, Leghorn
10 bgs, 1,980 lbs, Executive, Casablanca
PAPRIKA—15 bgs, 15 cs, H Shoenfeld & Son, Hansa, Hamburg
10 cs, Knickerbocker Mills Co, Hansa, Hamburg
20 bgs, 10 cs, Chemical Bank Trust Co, Hansa, Hamburg
25 bgs, J Raphael & Son, President Roosevelt, Hamburg
PARAFFIN — 3,600 bgs, Asiatic Petroleum Corp, Salabangka, Balikpapan
PARSLEY SEED—70 bgs, 11,239 lbs, Exochorda, Marseilles
PEAT DUST—42 bls, New Amsterdam Mfg & Supply Co, Caledonia, Glasgow
PEATMOSS—622 bls, Scannpenn, Leningrad
870 bls, Premier Peatmoss Corp, Scannpenn, Copenhagen
2,360 bls, Premier Peatmoss Corp, President Roosevelt, Hamburg
347 bls, Premier Peatmoss Corp, Manhattan, Hamburg
PEPPER, BLACK—324 bgs, Catz American Co, Salabangka, Pangkalpinang
162 bgs, Salabangka, Koba
750 bgs, Salabangka, Oosthaven
300 bgs, Kota Pinang, Telok Betong
PETROLEUM, CRUDE—60 dms, R F Cruickshank Corp, Hansa, Hamburg
87,807 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
90,920 bbls, Warner Quinlan Co, Permjan, Las Piedras
2,295,700 gls, Standard Oil Co of N J, Madrono, Tampico
35,000 bbls, Cia Petrolera del Agwi, Cities Service, Toledo, Tampico
35,000 bbls, Mexican Atlas Petroleum Co, Cities Service, Tampico
500 dms, Argentine Government Oil Fields, Northern Prince, Buenos Aires
DERIVATIVES—21 dms, Hansa, Hamburg
POPPYSEED—50 bgs, President Roosevelt, Hamburg
POTASH, CHLORATE—550 bbls, International Selling Corp, Collamer, Havre
PERCHLORATE—50 bbls, International Selling Corp, Collamer, Havre
PUMICE—300 bgs, C B Chrystal & Co, Executive, Canneto
525 bgs, J H Rhodes & Co, Executive, Canneto
LUMP—75 bgs, C B Chrystal & Co, Executive, Canneto
4,793 bgs, 2 cks, J H Rhodes & Co, Executive, Canneto
PYRETHRUM FLOWERS — 125 bls, John Powell & Co, Asosan, Kobe
75 bls, Kachurin Drug Co, Asosan, Kobe
56 bls, McKesson & Robbins, Saturnia, Dubrovnik
QUEBRACHO EXTRACT—1,000 bgs, International Prod Corp, Northern Prince, Buenos Aires
525 bgs, Tannin Corp, Northern Prince, Buenos Aires
QUICKSILVER—40 flasks, Chase Natl Bank, Yucatan, Vera Cruz
ROOT, MEDICINAL—28 bgs, 5,720 lbs, Exochorda, Marseilles
73 bgs, 18,229 lbs, Exochorda, Marseilles
85 bls, S B Penick & Co, Saturnia, Trieste
ROSE BUDS—20 bls, 2,200 lbs, Carl Gerdau Co, Executive, Casablanca
LEAVES—134 bls, 8,844 lbs, Executive, Casablanca
SAFFRON, AMERICAN—33 bls, 2,288 lbs, Peek & Velsor, Exochorda, Alexandria
18 bls, 1,196 lbs, J L Hopkins & Co, Exochorda, Alexandria
36 bls, 2,380 lbs, Exochorda, Alexandria
SAGE LEAVES—16 bls, Saturnia, Trieste
90 bls, E E Mark & Co, Saturnia, Dubrovnik
SAGO FLOUR—800 bgs, Chase Natl Bank, Kurama, Singapore
2,189 bgs, Cingalese Prince, Singapore
726 bgs, Stein, Hall & Co, Asosan, Singapore
SALT—300 bgs, D C Andrew & Co, Hansa, Hamburg
SCHEELITE ORE—592 bgs, Balfour, Guthrie & Co, Kota Pinang, Singapore
SEAWEED EXTRACT—40 bgs, National Adhesive Corp, Samaria, Liverpool
MEAL—300 bgs, Saito Trading Co, Kurama, Yokohama
SENNA LEAVES—232 bls, S B Penick & Co, Speybank, Colombo
SESAME SEED—70 bgs, Silverfir, Karachi
SHELLAC—200 bgs, France, Campbell & Darling, Speybank, Calcutta
200 bgs, France, Campbell & Darling, Manaar, Calcutta
10 cs, 15 bgs, A Hurst & Co, Breedijk, Rotterdam
SEEDLAC—100 bgs, Mantrose Corp, Speybank, Calcutta
350 bgs, Bank of London South America, Speybank, Calcutta
825 bgs, Argenti & Co, Speybank, Calcutta
1,100 bgs, Alfred Kramer & Co, Manaar, Calcutta
500 bgs, Brown Bros, Harriman Co, Manaar, Calcutta
200 bgs, Wm Zinsser & Co, Manaar, Calcutta
150 bgs, National City Bank, Manaar, Calcutta
200 bgs, Guaranty Trust Co, Manaar, Calcutta
300 bgs, Argenti & Co, Manaar, Calcutta
SIENNA—5 bbls, 2,193 lbs, Isarco, Leghorn
300 bgs, 67,056 lbs, Reichard, Coulston, Exochorda, Leghorn
300 bgs, 66,000 lbs, J Lee Smith & Co, Executive, Leghorn
SOAP—2 cs, H S Dorf & Co, Georgic, London
750 cs, 80 cyls, Conti Prod Corp, Exochorda, Leghorn
200 cs, J P Smith & Co, Exochorda, Marseilles
MILLINGS—45 cs, Yardley & Co, Georgic, London
SADDLE—50 cs, American Trader, London
STEARIC ACID—7 cs, Yardley & Co, Georgic, London
TOILET—22 cs, American Trader, London
SODA CYANIDE—600 tubs, Charles Hardy, Ile de France, Havre
HYDROSULPHITE—50 kgs, Philipp Bros, Samaria, Liverpool
PRUSSIATE—407 cs, Iwai & Co, Tai Ping, Yokohama
SILICOFLUORIDE—200 bgs, 44,000 lbs, H Sundheimer, President Roosevelt, Hamburg
200 bgs, 44,000 lbs, H Sundheimer, President Roosevelt, Bremen
200 bgs, 44,000 lbs, H Sundheimer, Isarco, Genoa
200 bgs, 44,000 lbs, Royal Bank of Canada, Isarco, Leghorn
350 bgs, 77,000 lbs, H Sundheimer, Isarco, Leghorn
SPONGES—9 cs, D C Andrews & Co, Georgic, London
2 pkgs, American Trader, London
13 bls, Schroeder & Tremayne, Yucatan, Vera Cruz
17 bls, Yucatan, Vera Cruz
29 bls, Munargo, Havana
WASTE—2 bls, Schroeder & Tremayne, Yucatan, Vera Cruz
20 bls, Yucatan, Vera Cruz
23 bls, Munargo, Havana
SQUILL—200 bgs, 22,000 lbs, Executive, Catania
50 bgs, 5,500 lbs, J L Hopkins & Co, Executive, Palermo
STARCH, POTATO—100 bgs, Stein, Hall & Co, Hansa, Hamburg
100 bgs, 22,000 lbs, Heemsoth, Pinckes & Kerner, President Roosevelt, Hamburg
50 bgs, Breedijk, Rotterdam
RICE—110 bbls, 10 cs, Habicht, Braun & Co, Columbus, Bremen
100 bbls, 23,100 lbs, Arabol Mfg Co, Black Gull, Antwerp
STRAMONIUM LEAVES—22 bls, 4,507 lbs, Executive, Leghorn
TALC—1,975 bgs, Charles Mathieu, Isarco, Genoa
2,000 bgs, East Asiatic Co, Shinko, Hankow
400 bgs, Mitsubishi Shoji Kaisha, Shinko, Kobe
400 bgs, Hammill & Gillespie, Exochorda, Marseilles
8,025 bgs, Charles Mathieu, Executive, Genoa
75 cs, W A Foster & Co, Kurama, Kobe
TALLOW—125 dms, Canadian Cruiser, Sydney
105 dms, Canadian Cruiser, Melbourne
1,140 cks, Canadian Cruiser, Bluff
152 dms, 235 cks, Canadian Cruiser, Dunedin
7 dms, 886 cks, Canadian Cruiser, Lyttelton
TANKAGE—1,600 bgs, Northern Prince, Buenos Aires
TANTALITE ORE—20 bgs, Booth American Shipping Corp, Cingalese Prince, Singapore
TAPIOCA, FLAKE—1,237 bgs, Stein, Hall & Co, Salabangka, Sourabaya
337 bgs, Stein, Hall & Co, Kota Pinang, Sourabaya
TAPIOCA, FLOUR—250 bgs, Salabangka, Tjilatjop
779 bgs, Stein, Hall & Co, Salabangka, Sourabaya
241 bgs, Chase Natl Bank, Salabangka, Sourabaya
550 bgs, H P Winter & Co, Salabangka, Tegal
250 bgs, H P Winter & Co, Salabangka, Cheribon
244 bgs, Chase Natl Bank, Salabangka, Cheribon
250 bgs, J Henry Schroeder Banking Corp, Salabangka, Cheribon
803 bgs, Balfour, Guthrie & Co, Salabangka, Pamanoekan
500 bgs, Stein, Hall & Co, Salabangka, Cheribon
2,182 bgs, Stein, Hall & Co, Salabangka, Batavia
253 bgs, Java American Export Co, Salabangka, Batavia
250 bgs, Cingalese Prince, Batavia
250 bgs, H P Winter & Co, Cingalese Prince, Cheribon
814 bgs, Stein, Hall & Co, Cingalese Prince, Cheribon
789 bgs, Stein, Hall & Co, Cingalese Prince, Batavia
500 bgs, Kota Pinang, Tegal
260 bgs, H P Winter & Co, Kota Pinang, Batavia
250 bgs, Chase Natl Bank, Kota Pinang, Cheribon
670 bgs, Kota Pinang, Batavia
PEARL—732 bgs, Cingalese Prince, Penang
407 bgs, Stein, Hall & Co, Kota Pinang, Sourabaya
TARTAR—641 bgs, Charles Pfizer & Co, Isarco, Leghorn
232 bgs, Tartar Chem Works, Isarco, Naples
138 bgs, Charles Pfizer & Co, Isarco, Naples
227 bgs, Isarco, Naples
132 bgs, Charles Pfizer & Co, Isarco, Messina
690 bgs, Charles Pfizer & Co, Executive, Catania
300 bgs, Executive, Catania
770 bgs, Charles Pfizer & Co, Executive, Messina
425 bgs, Charles Pfizer & Co, Executive, Palermo
TEAWASTE—730 bgs, Citro Chem Co, American Trader, London
TITANIUM ORE—2,000 tons, Titanium Pigment Co, Herleik, Rekefjord
TUNGSTEN, ORE—3,000 bgs, Wah Chang Trading Co, Asosan, Hongkong
UMBER, BURNT—28 cks, Stanley Doggett, Manaar, Port Said
VANILLA BEANS—54 cs, Ile de France, Havre
23 cs, Geo Lueders & Co, Ile de France, Havre
12 cs, Yucatan, Vera Cruz
22 cs, J Manheimer, Exochorda, Marseilles
22 cs, Guaranty Trust Co, Exochorda, Marseilles
11 cs, Exochorda, Marseilles
WATER, MINERAL—164 cs, American Vichy Agency, Manhattan, Hamburg
WATTLE BARK, EXTRACT—496 bgs, 56,838 lbs, Tannin Corp, Atlantic, Durban
WAX, BEES—33 bgs, R Desvernine, Platano, Santiago
30 bgs, D Steengrafe, Platano, Santiago
9 bgs, Schutte & Focke, Borinquen, Santo Domingo
3 bgs, Yardley & Co, Georgic, London
8 bgs, Amor, Jacmel
13 bgs, W M Allison & Co, Manaar, Suez
8 serroons, Royal Bank of Canada, San Jacinto, Puerto Plata
20 bgs, Curacao Trading Co, San Jacinto, Sanchez
10 bgs, Executive, Casablanca
2 cs, W & A Leaman, Martinque, Aux Cayes
CARNAUBA—112 bgs, Smith & Nichols, West Calumb, Para
13 bgs, Northern Prince, Rio de Janeiro
MINERAL—2 bgs, P H Petry & Co, Hansa, Hamburg
6 bgs, General Dyestuff Corp, Breedijk, Rotterdam
MONTAN—375 bgs, 57,750 lbs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE—20 bgs, 2,244 lbs, Heemsoth, Pinckes & Kerner, Hansa, Hamburg
VEGETABLE—50 cs, H H Rosenthal Co, Asosan, Kobe
200 cs, Mitsui & Co, Asosan, Kobe
200 cs, Strohmeyer & Arpe Co, Asosan, Kobe
25 cs, McArthur Chem Co, Asosan, Kobe
YEAST—110 bbls, 10 cs, Vulcan Yeast Co, Hansa, Hamburg
10 kgs, Hansa, Hamburg
ZINC OXIDE—6 cs, Yardley & Co, Georgic, London
20 cks, Reichard, Coulston, Samaria, Liverpool
150 bgs, 39,930 lbs, Innis, Speiden & Co, Black Gull, Antwerp
SULPHATE—20 cks, 11,968 lbs, Hansa, Hamburg
ZIRON SAND—8,000 bgs, Titanium Mfg Co, Wichita, Sydney

CLEANING MILLING
GUMS, DRUGS, FOOD PRODUCTS
To
Your Specification
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N.J.

H. A. GOGARTY, Inc.
23 YEARS OF SPECIALIZED SERVICE
EXPORTS
SHIPPING
CUSTOMS
BROKERS
15 MOORE ST., NEW YORK

New York Transit Imports

ALUMINUM & BRONZE POWDER—3 cs, P H Petry & Co, Europa, Bremen, Milwaukee
ALUMINUM POWDER—9 cs, G W Sheldon & Co, Hansa, Hamburg, Chicago
ANTIMONY REGULUS—1,000 cs, Harshaw Chem Co, Shinko, Hankow, Cleveland
BRISTLES—50 cs, H Rosenhirsch Co, Shinko, Shanghai, Providence
BRONZE POWDER—3 cs, G W Sheldon & Co, Hansa, Hamburg, Chicago
GINGER ROOT—167 bgs, Parke, Davis & Co, Colombia, Kingston, Detroit
GLASS, WINDOW—30 cs, Eastman Kodak Co, Black Gull, Antwerp, Rochester
1,243 cs, Eastman Kodak Co, Manhattan, Hamburg, Rochester
GUM, ARABIC—150 bgs, Wm Wrigley Jr Co, Manaar, Port Sudan, Chicago
MAGNESIA CHLORIDE—6 dms, Carborundum Co, Samaria, Liverpool, Niagara Falls
OIL, CHINAWOOD—695 tons, Warner G Smith Co, Tai Ping, Hankow, Cleveland
CITRONELLA—4 dms, A M Todd & Co, Cingalese Prince, Batavia, Kalamazoo
PYRETHRUM FLOWERS—125 bls, McKesson & Robbins, Shinko, Kobe, Bridgeport
SPONGES—17 bls, Yucatan, Vera Cruz, Lyons
10 bls, Yucatan, Vera Cruz, Paris
6 bls, Yucatan, Vera Cruz, Antwerp
5 bls, Munargo, Havana, Bordeaux
35 bls, Munargo, Havana, Rotterdam
135 bls, Munargo, Havana, London
REFUSE—22 bls, Munargo, Havana, Bordeaux
102 bls, Munargo, Havana, London

Baltimore Imports

ALBUMEN, EGG, DRIED—11 cs, Gertrude Maersk, Shanghai
BONEMEAL—2,206 bgs, City of Norfolk, Hamburg
CASEIN—1,069 bgs, City of Norfolk, Havre
CHEMICALS—21 cks, 350 bgs, City of Norfolk, Hamburg
67 cks, Advance Solvents Chem Co, Tungsha, Herre
CHROME ORE—1,300 tons, Exmoor, Aghia Marian
CODLIVER MEAL—2,056 hf bgs, Tungsha, Bergen
FERROMANGANESE—450 tons, 994 bbls, 73
CODLIVER MEAL—2,056 half bgs, Tungsha, Sauda
375 tons, Frank Samuel & Co, Tungsha, Herre
GLUE, LIQUID—4 cks, S Shapiro & Co, Capulin, Hull
IRON ORE—7,003 tons, Bethlehem Steel Co, Wiegand, Whyalla
11,500 tons, Bethlehem Steel Co, Santore, Daiquiri
7,488 tons, Leo J Buck, Primero, Lulea
3,500 tons, Bethlehem Steel Co, Yomachichi, Whyalla
21,800 tons, Bethlehem Steel Co, Steelore, Cruz Grande
OXIDE—2 dms, 8 cks, E M & F Waldo, Lehigh, Liverpool
PIG—100 tons, Rogers, Brown, Lavino Co, City of Norfolk, Hamburg
100 tons, Rogers, Brown, Lavino Co, Tungsha, Bergen
PYRITES—5,400 tons, Davidson Chemical Co, Ingola, Setubal
LIVERMEAL—560 bgs, East Indian, Buenos Aires
MANGANESE ORE—1,500 tons, City of Salisbury, Calcutta
1,500 tons, City of Worcester, Calcutta
5,500 tons, Amtorg Trading Corp, Mina L Cambania, Poti
MOLASSES—17,141,391 lbs, Cuba Distilling Co, Catahoula, Jucaro
OIL, CODLIVER—55 dms, Tungsha, Alesund
FUEL—1 dm, Wiegand, Melbourne
URUKURIKERNEL—200 dms, City of Norfolk, Hamburg
PAINT—5 cs, Tunsha, Drammen
EARTH, DRY—97 bgs, E M & F Waldo, Ciara, Trieste
PEATMOSS—648 bls, City of Norfolk, Hamburg
PETROLEUM, CRUDE—90,000 bbls, Standard Oil Co, Koll, Las Piedras
QUEBRACHO EXTRACT—4,075 bgs, International Products Co, East Indian, Buenos Aires
4,204 bgs, Tannin Corp, East Indian, Buenos Aires
TANKAGE—7,000 bgs, Swift & Co, East Indian, Buenos Aires
ZIRCONIUM—50 tons, 197 bbls, Electro Metallurgical Co, Tungsha, Sauda

Boston Imports

ALBUMEN, HEN EGG—28 cs, Chase National Bank, Nojima, Taku Bar
112 cs, Central Hanover Bank and Trust Co, Kinai Maru, Kobe
ALUMINUM OXIDE—8 cks, 970 lbs, Exochorda, Marseilles
CASEIN—13 sks, Canadian Britisher, Auckland
CHEMICALS—100 dms, Stone & Downer, Edam, Rotterdam
COALTAR DISTILLATE—36 dms, 8 tons, 13 cwt, 3 qts, 15 lbs, Monsanto Chemical Co, Samaria, Liverpool
COCOANUT, DESIC—565 cs, President Adams, Manila
410 cs, Dodwell & Co, Penrith Castle, Manila
COLOR, CERAMIC—1 bx, American Express Co, Samaria, Liverpool
DRY—10 cks, Stanley Doggett, Edam, Rotterdam
EMERY FILLET—2 cs, American Express Co, Samaria, Liverpool
1 cs, Atkinson, Haserick & Co, Samaria, Liverpool
FISH LIVERS—1 cs, J A Rich, Evangeline, Yarmouth
3 cs, H M Crocker, Evangeline, Yarmouth
2 cs, H M Crocker, Yarmouth, Yarmouth
3 cs, J Coyle, Yarmouth, Yarmouth
2 bbls, R S Hamilton, Yarmouth, Yarmouth
2 bxs, Macgregor Fisheries, Yarmouth, Yarmouth
2 cs, J A Rich, Yarmouth, Yarmouth
1 cs, Atlantic Coast Fisheries, Nojima Maru, Yokohama
150 cs, Kinai Maru, Yokohama
210 tins, Kinai Maru, Kobe
GINGER ROOT—4 bgs, 4 tons, 17 cwt, 3 qts, 9 lbs, Samaria, Liverpool
GLASS, WINDOW—2 cs, 5,102 lbs, McKeesport, Hamburg
GLUE—200 bgs, 22,597 lbs, Exochorda, Naples
GLUESTOCK—138 bgs, 8 tons, 14 cwt, 2 qrs, 15 lbs, McKeesport, Dundee
FISH SCRAP—5 bbls, John Nagle, Evangeline, Yarmouth
3 bbls, J R Poole Co, Evangeline, Yarmouth
5 bbls, 10 cs, Atwood & Co, Yarmouth, Yarmouth
1 bbl, J R Poole Co, Yarmouth, Yarmouth
HIDE CUTTINGS—222 bgs, 20 tons, 8 cwt, 3 qrs, 21 lbs, Union Trust Co, Samaria, Liverpool
GREASE, WOOL—20 bbls, 21,389 lbs, McKeesport, London
GUM, INDUSTRIAL—10 csks, President Adams, Marseilles
GYPSUM, CRUDE—3,700 tons, U S Gypsum Co, Gypsum Prince, Windsor
LIME JUICE—2 csks, Lady Drake, Dominica
MAGNESITE, CALCINED—40 bbls, Innis Speiden & Co, Edam, Rotterdam
MICA SPLITTINGS—80 cs, National City Bank, Manaar, Calcutta
MILK POWDER—100 bgs, 11,243 lbs, Balfour, Guthrie & Co, Black Heron, Rotterdam
100 bgs, Stengel & Co, Edam, Rotterdam
100 bgs, Ward Dry Milk Co, Edam, Rotterdam
718 bgs, Edam, Rotterdam
MOLASSES—70 bbls, Lamson & Co, Lady Drake, Barbados
10 pnchns, Rowlings Ltd, Lady Drake, Barbados
50 bbls, Boston Molasses Co, Lady Drake, Demerara
OCHER—20 csks, 12,217 lbs, Stone & Downer, Exochorda, Marseilles
OIL, CHINAWOOD—133 dms, Chase National Bank, Nojima Maru, Hongkong
COD—2 bbls, Dench & Hardy, Yarmouth, Yarmouth
19 bbls, Marden Wild Corp, Yarmouth, Yarmouth
CODLIVER—100 dms, 26,014 lbs, McKeesport, Hamburg
FISH—100 dms, Nojima, Yokohama
PEANUT—15 cs, Tung Hing Lung, President Adams, Hongkong
WHALE—350 bbls, Bank of Nova Scotia, Connoisseur, North Sydney, N S
PEATMOSS—500 bls, 66,270 lbs, Peat Import Corp, McKeesport Hamburg
630 bls, 74,956 lbs, Premier Peat Moss Corp, McKeesport, Hamburg
595 bls, 67,681 lbs, McKeesport, Hamburg
PETROLEUM, CRUDE—61,966 bbls, Colonial Beacon Oil Co, W L Steed, Caripito
69,134 bbls, Colonial Beacon Oil Co, George H Jones, Las Piedras
93,322 bbls, 13,685 tons, Colonial Beacon Oil Co, F W Abrams, Caripito
SEAWEED—1,217 bls, 90,565 lbs, McKeesport, Hamburg
SOAP—75 cs, 3,051 lbs, Conti Products Corp, Exochorda, Hamburg
SODA, HYDROSULPHITE—20 dms, 2,476 lbs, McKeesport, Hamburg
STARCH, CHEMICALLY TREATED—620 bgs, Edam, Rotterdam
POTATO—750 bgs, Edam, Rotterdam
550 bgs, 121,253 lbs, Black Heron, Rotterdam
SUMAC—25 bls, Speybank, Calcutta
TAPIOCA FLOUR—1,605 bgs, Balfour, Guthrie & Co, Penrith Castle, Pamanoekan
250 bgs, J P Winter & Co, Salabangka, Batavia
1,070 bgs, Balfour, Guthrie & Co, Salabangka, Pamanoekan
248 bgs, Guaranty Trust Co, Salabangka, Cheribon
489 bgs, Guaranty Trust Co, Cingalese Prince, Cheribon
PEARL—162 bgs, National City Bank, Salabangka, Sourabaya
WATER, MINERAL—125 cs, President Adams, Marseilles
110 cs, 24,074 lbs, Exochorda, Marseilles
ZINC OXIDE—54 cks, 3 tons, 10 cwt, 3 qts, 14 lbs, Reichard Coulston, Samaria, Liverpool

Galveston Imports

CALCIUM CARBIDE—400 dms, Seminole, New York

Houston Imports

COALTAR DISTILLATE—20 dms, Western Queen, Liverpool
GLASS, WINDOW—18 cs, Cardonia, Hamburg
PEATMOSS—425 bbls, Cardonia, Bremen
SODA FLUORIDE—50 bbls, Cardonia, Hamburg
TALC—1,000 bgs, Monbaldo, Genoa

Los Angeles Imports

AMMONIA PHOSPHATE—459,200 lbs, Rochelle, Trail
SULPHATE—67,200 lbs, Rochelle, Trail
ARSENIC, RED, POWD—5,500 lbs, Schwaben, Antwerp
CALCIUM, ARSENATE—61,200 lbs, Tohsei, Kobe
CHALK—224,000 lbs, Oregon, London
336,000 lbs, Oregon, Dunkirk
CHEMICAL COMPOUND—1,610 lbs, Chichibu, Yokohama
120 lbs, Ososan, Kobe
PHOTO—80 lbs, From Stuttgart
COCONUT, DESIC—20,940 lbs, President Lincoln, Manila
90,000 lbs, Corneville, Phil Isl
DRUGS, CRUDE—150 lbs, President Lincoln, Canton
660 lbs, President Lincoln, Hongkong
FISH LIVERS—1,390 lbs, Kwansai, Japan
3,390 lbs, Chichibu, Japan
MEAL, 26,010 lbs, Cuba, Kobe
GLASS, SHEET, 6 cs, 4,490 lbs, Portland, Prague
609 cs, 69,700 lbs, Schwaben, Prague
GUM, COPAL—2,240 lbs, Manoeran, Macassar
9,900 lbs, Manoeran, D E I
DAMMAR—5,600 lbs, Silvermaple, Singapore
6,720 lbs, Corneville, Singapore
LICORICE ROOT—40 lbs, President Lincoln, Hongkong
MARJORAM LEAVES—4,750 lbs, Slinaloa, San Jose
MEDICINAL PREPS—60 lbs, President Lincoln, Hongkong
MUSTARD SEED—11,070 lbs, Amerika, Copenhagen
OIL, CHINAWOOD—54,800 lbs, Chichibu, Japan
21,000 lbs, Asosan, Hongkong
COCONUT—4,122,400 lbs, Silvermaple, Manila
OLIVE—6,540 lbs, President Garfield, Genoa
44,540 lbs, From Malaga
PALM—1,420,380 lbs, Silvermaple, Medam
PARAFFIN—13,600 lbs, From Antwerp
RAPESEED—60,000 lbs, Asosan, Japan
36,000 lbs, Shinko, Kobe
80,000 lbs, Faiyo, Yokohama
VEGETABLE—28,000 lbs, Tai Ping, Kobe
ORE, CRUDE—3,300 lbs, Capoc, Honduras
PARAFFIN—67,450 lbs, Corneville, Batavia
PEATMOSS—12,870 lbs, Schwaben, Bremen
POTASH, CHLORATE—56,220 lbs, Norway, Yokohama
SULPHATE—170,240 lbs, Oregon, Amsterdam
580,160 lbs, Schwaben, Hamburg
SEAWEED MEAL—6,000 lbs, Mitwo, Japan
SESAME SEED—1,460 lbs, Asosan, Japan
SHELLAC—32,800 lbs, Silvermaple, Calcutta
SILVERSAND—1,052,800 lbs, Oregon, Antwerp
SODA, CYANIDE—2,000 lbs, Oregon, Paris
TAPIOCA FLOUR—22,400 lbs, Corneville, Singapore
TOILET PREP—90 lbs, Asosan, Japan

Mobile Imports

BAUXITE ORE—2,700 tons, Askeladden, Paramaribo

New Orleans Imports

BAUXITE ORE—2,404 tons, Republic Mining & Mfg Co, Sorvangen, Paramaribo
BONE MEAL—2,180 sx, Laura C, Trieste
COCOA BEANS—300 sx, Fruit Dispatch Co, Santa Marta, Bocas Del Toro
CHEMICALS—72 cks, Advance Solvents & Chemical Corp, Frankenwald, Hamburg
COCONUTS—50 sx, J Meyer, Sorvangen, Kingston
OIL, PALM—1,590 tons, Guaranty Trust Co, Madoera, Belawan Deli
PEATMOSS—355 bls, Frankenwald, Bremen
TALC—336 sx, Venice, Darien
VANILLA BEANS—9 cs, Lusk Shipping Co, Morazan, Vera Cruz

Norfolk Imports

CHEMICALS—85 cks, Advance Solvents & Chemical Co, Maasdam, Rotterdam
108 dms, 21,605 lbs, Black Falcon, Antwerp
COLORS, EARTH—16 bbls, Norton & Ellis, Black Falcon, Antwerp
FERTILIZER, COCOA RESIDUE—6,250 bgs, Maasdam, Rotterdam
OIL, FUEL—25,000 bbls, Standard Oil Co of N J, R L Hague, Aruba
PALM—47 dms, 9 tons, 8 cwt, 5 lbs, Balfour, Guthrie & Co, City of Flint, Liverpool
STARCH, CHEM TREATED—100 bgs, Norfolk Tidewater Terminals, Maasdam, Rotterdam

Philadelphia Imports

ACID, CRESYLIC—50 dms, Barrett Co, McKeesport, Leith
ANGELICA ROOT—12 cs, First Natl Bank, McKeesport, London
ANTIMONY SULPHIDE ORE—2,000 bgs, Canadian Bank of Commerce, Nojima, Hongkong
BAUXITE RESIDUE—500 bgs, F B Vandegrift & Co, McKeesport, Leith
BONE MEAL—544 bgs, Ciara, Trieste
CALCIUM CITRATE—453,000 kilos, Synthetic Nitrogen Products Corp, Tungsha, Herre
SILICIDE—38 bbls, Tungsha, Oslo
CASSIA—430 pkgs, H P Winter & Co, Talisse, Padang
100 bls, Brown Bros, Harriman & Co, Nojima, Hongkong
BARK—12 cs, First Nat'l Bank, McKeesport, London
CASTOR SEED—1,680 bgs, Phila Nat'l Bank, Janna, Bahia
CELESTINE—508 tons, Sea Glory, Fowey
CHINA CLAY—631 tons, 1 cwt, Paper Makers Importing Co, Sea Glory, Fowey
121 tons, 10 cwt, John W Higman Co, Sea Glory, Fowey
5 cwt (samples), Paper Makers Importing Co, Sea Glory, Fowey
CHROMITE ORE—100 tons, Harbison, Walker Refractories Co, Penrith Castle, Manila
CLAY, BALL—495 tons, 18 cwt, Paper Makers Importing Co, Sea Glory, Fowey
BLUE—60 tons, Moore & Munger, Sea Glory, Bristol
CORNWALL STONE, CRUDE—240 tons, Paper Makers Importing Co, Sea Glory, Fowey
COCOA BEANS—10,543 bgs, Balfour, Guthrie & Co, New Columbia, Lagos
704 bgs, Superintendence Co, New Columbia, Lagos
6,400 bgs, Balfour, Guthrie & Co, New Columbia, Accra
388 bgs, Cie Francaise de L'Afrique Occidentale, New Columbia, Accra
1,200 bgs, Bank of Manhattan Co, New Columbia, Accra
1,600 bgs, Balfour, Guthrie & Co, New Columbia, Winnebah
766 bgs, Cie Francaise de L'Afrique Occidentale, New Columbia, Winnebah
12,000 bgs, Balfour, Guthrie & Co, New Columbia, Takoradi
375 bgs, Cie Francaise de L'Afrique Occidentale, New Columbia, Sassandra
6,000 bgs, Nieschlag & Co, Janna, Ilheos
5,000 bgs, Guaranty Trust Co, Janna, Ilheos
2,000 bgs, Chase Nat'l Bank, Janna, Ilheos
2,000 bgs, Janna, Bahia
1,000 bgs, Guaranty Trust Co, Janna, Bahia
1,500 bgs, Nieschlag & Co, Janna, Bahia
823 bgs, East Indian, Victoria
CRYOLITE—3,250 tons, Pennsylvania Salt Mfg Co, Borgfred, Ivigut
CUTCH—200 bxs, City of Worcester, Colombo
DILLSEED—85 bgs, Silverfir, Bombay
FLAXSEED—2,960 tons, Poseidonia, Villa Constitution
5,034 bgs, Poseidonia, San Nicholas
4,355 tons, Poseidonia, San Nicholas
FLINT BOULDERS—1,000 tons, Gudenaa, Stroby
PEBBLES—200 tons, Gudenna, Stroby
300 bgs, Texas Transport & Terminal Co, Scanpenn, Copenhagen
GLASS, WINDOW—60 cs, McKeesport, Hamburg
GLUE, HIDE, GROUND—100 bgs, Ciara, Trieste
GLYCERIN, CRUDE—23 dms, Scanpenn, Copenhagen
GUM COPAL—207 bskts, Talisse, Macassar
JUNIPER BERRIES—250 bgs, First National Bank, McKeesport, London
MACE—62 cs, Catz American Co, Talisse, Macassar
MANURE, SHODDY—191 bls, McKeesport, Hull
MYROBALANS—308 bgs, City of Worcester, Bombay
1,231 bgs, Silverfir, Bombay
NAPHTHALENE—95 bgs, Barrett Co, Sea Glory, Bristol
OIL, CODLIVER—70 dms, Fox Co, Tungsha, Kristiansund
50 dms, Loos & Dilworth, Tungsha, Kristiansund
80 dms, John H Wood Co, Tungsha, Alesund
60 dms, McKeesport, London
WHITE DISTILLATE—900 tons, Atlantic Refining Co, Winkler, Antwerp
PAPRIKA—15 bgs, Allen Forwarding Co, McKeesport, Hamburg
PEATMOSS—400 bls, Peat Import Corp, McKeesport, Bremen
1,586 bls, Amtorg Trading Corp, Scanpenn, Leningrad
910 bls, Premier Peat Moss Corp, Scanpenn, Copenhagen
PETROLEUM, CRUDE—23,938 bbls, Gulf Oil Corp, Sucra, Las Piedras
PYRITES ORE—8,390 tons, The Pyrites Co, Daleby, Huelva
QUEBRACHO EXTRACT—1,585 bgs, The Tannin Corp, West Calumb, Buenos Aires
1,500 bgs, International Products Corp, West Calumb, Buenos Aires
RUTILE ORE—41 bgs, Phila Nat'l Bank, West Calumb, Rio de Janeiro
SAGO FLOUR—1,107 bgs, Guaranty Trust Co, Penrith Castle, Singapore
SARDINE MEAL—1,200 bgs, S L Jones & Co, Eidsvold, Yokohama
SHELLAC—200 bgs, City of Worcester, Calcutta
STROTIUM—60 tons, 15 cwt, Sea Glory, Bristol
SUMAC LEAF—200 bls, Ciara, Palermo
TALC—300 bgs, Eidsvold, Shanghai
TANKAGE—2,948 bgs, M L Shoemaker & Co, West Calumb, Buenos Aires
1,016 bgs, West Calumb, Santos
TAPIOCA FLOUR—524 bgs, Guaranty Trust Co, Talisse, Batavia
1,103 bgs, Penrith Castle, Pasoeroean
WOODFLOUR—2,250 bgs, B L Soberski, Tungsha, Greaker

Portland, Ore., Imports

ALBUMEN, EGG, HEN—56 cs, Taiyo, Tientsin (transhipped)
CORKS—2 bls, American Express Co, Fella, Barcelona
EPSOM SALT—200 sks, Wilson & George Meyer & Co, Elbe, Bremen
IRON OXIDE, RED—10 csks, Fella, Malaga
OIL, OLIVE—10 dms, Fella, Genoa
SESAME SEED—50 sks, G A Jensen & Co, General Pershing, Hongkong
SHEEP DIP, POWD—50 cs, Wm Cooper & Nephews, Nichteroy, London
SILVERSAND—200 tons, Balfour, Guthrie & Co, San Diego, Antwerp
TANKAGE—2,032 sks, Wm J Horstman, West Ira, Buenos Aires
DRY, RENDERED—2,000 sks, Armour & Co, West Ira, Buenos Aires
1,454 sks, Wm J Horstman, West Ira, Buenos Aires
TAPIOCA FLOUR—219 sks, American Trust Co, Kota Agoeng, Sourabaya

San Francisco Imports

ACID, FATTY, FLAKE—100 sks, Otis, McAllister & Co, Keisho, Yokohama
AGAR AGAR—43 pkgs, M Hatae Co, Keisho, Nagoya
ALCOHOL—20 dms, Maunawili, Honolulu
ARSENIC—650 bbls, General Chemical Co, Axel Johnson, Bolista (optional Oakland discharge)
BLOOD MEAL—100 sks, T Murakawa, Keisho, Kobe
BLUE, WASHING—15 cs, H M Suermondt, Abraham Lincoln, Antwerp
BONE MEAL—1,120 sks, Silvermaple, Calcutta (for Oakland)
BONES—267 sks, Beheguren & Co, Sinaloa, La Paz
CALCIUM HYPOCHLORITE—60 dms, Balfour, Guthrie & Co, Koryu, Yokohama
CARAWAY SEED—50 sks, D Hecht & Co, Damsterdijk, Rotterdam
75 sks, S H Tyler & Son, Damsterdijk, Rotterdam
CHEMICALS—35 csks, Royal Bank of Canada, Portland, Hamburg
200 csks, African Metals Corpn, Portland, Antwerp
97 csks, Advance Solvents & Chemical Corpn, Abraham Lincoln, Brevik
CHILLIES—50 sks, S H Tyler & Son, Portland, Hamburg
COCOA BEANS—73 sks, P J Frawley, Axel Johnson, Corinto
70 sks, Du Val Moore, American Trading Co, Cape Horn, Apia
248 sks, Burns, Philip Co, Cape Horn, Apia
185 sks, Wightman & Crane, Cape Horn, Apia
200 sks, W R Grace & Co, Santa Rosa, Balboa
COCONUTS—50 sks, Makawao, Ahukini
COPRA—3,531 sks, Du Val Moore American Trading Co, Cape Horn, Suva
4,102 sks, Cape Horn, Suva
4,281 sks, Cape Horn, Apia
CORKWASTE—1,289 bls, Mundet Cork Corpn, Damsterdijk, Rotterdam
FERROMANGANESE—150 tons, Electro Metallurgical Sales Co, Abraham Lincoln, Oslo
FILTER PULP—5 cs, Phil Wirth, Damsterdijk, Rotterdam
FILWAX—2 cs, W J Byrnes & Co, Damsterdijk, London
GAMBIER—340 cs, Bank of California, Silvermaple, Asahan
GLASS, WINDOW—3 cs, Smith Glass Co, Abraham Lincoln, Antwerp
327 cs, Abraham Lincoln, Antwerp
597 cs, Abraham Lincoln, Antwerp (for Oakland)
GUM COPAL—50 sks, Henry W Peabody & Co, Silvermaple, Singapore
DAMMAR—28 sks, F F G Harper & Co, Silvermaple, Singapore (for Oakland)
HEMPSEED—333 sks, Keisho, Kobe
556 sks, Taylor Milling Corpn, Keisho, Kobe
1,810 sks, S L Jones & Co, Keisho, Kobe
1,000 sks, Keisho, Kobe
HONEY—35 cs, Malolo, Honolulu
ISINGLASS—3 cs, Pacific Trading Co, Keisho, Kobe
10 cs, M Hatae Co, Keisho, Yokohama
LINSEED MEAL—1,000 sks, Wilbur-Ellis Co, Koryu, Kobe
1,500 sks, Otto Sales Co, Koryu, Kobe
6,000 sks, Albers Bros Milling Co, Koryu, Kobe
2,000 sks, Taylor Milling Corpn, Keisho, Kobe
6,500 sks, Balfour, Guthrie & Co, Keisho, Kobe
1,000 sks, Keisho, Kobe
MAGNESITE PASTE—8 cs, J & R Wilson, Damsterdijk, London
MOLASSES—1,000,000 lbs, Malama, Ahukini
2,000,000 lbs, Maunawili, Kahului
OIL, COCONUT, CRUDE—985 tons, Philippine Refining Corpn of New York, Silvermaple, Cebu
COTTONSEED—200 dms, Durkee Famous Foods, Keisho, Kobe
COTTONSEED, SEMI-REFD—314,151 lbs, Durkee Famous Foods, Koryu, Kobe
327,551 lbs, Durkee Famous Foods, Koryu, Kobe
KAPOKSEED, SEMI-REFD—100 dms, Mitsubishi Shoji Kaisha, Keisho, Kobe
200 dms, Keisho, Kobe
LUBRICATING—100 dms, Portland, Antwerp
PERILLA—320,162 lbs, Mitsubishi Trading Co, Koryu, Kobe
220 dms, S L Jones & Co, Koryu, Kobe
450 dms, Pacific Vegetable Oil Corp, Koryu, Kobe
150 dms, Mitsubishi Shoji Kaisha, Koryu, Kobe
100 dms, Durkee Famous Foods, Tohsei, Moji
112 dms, Murray Oil Products Co, Tohsei, Moji
180 dms, S L Jones & Co, Tohsei, Moji
100 dms, Mitsubishi Shoji Kaisha, Tohsei, Moji
850 dms, W R Grace & Co, Tohsei, Moji
A lot in bulk, Balfour, Guthrie & Co, Tohsei, Moji
585 dms, S L Jones & Co, Tohsei, Kobe
300 dms, Pacific Vegetable Oil Corp, Tohsei, Kobe
230 dms, Mitsubishi Shoji Kaisha, Tohsei, Kobe
50 dms, Pacific Vegetable Oil Corp, Keisho, Kobe
1,200 dms, S L Jones & Co, Keisho, Kobe
PERILLA SOAPSTOCK—1,300 dms, Mitsubishi Trading Co, Keisho, Kobe
RAPESEED, REFD—250 dms, Durkee Famous Foods, Koryu, Kobe
690 dms, Pacific Vegetable Oil Corp, Koryu, Kobe
100 dms, Durkee Famous Foods, Koryu, Kobe
150 dms, Mitsubishi Trading Co, Koryu, Kobe
350 dms, W R Grace & Co, Koryu, Kobe
200 dms, Durkee Famous Foods, Tohsei, Moji
300 dms, Mitsui & Co, Tohsei, Nagoya
300 dms, S L Jones & Co, Keisho, Kobe
250 dms, Durkee Famous Foods, Keisho, Yokohama
200 dms, S L Jones & Co, Keisho, Yokohama
50 cs, Mutual Supply Co, Keisho, Yokohama

OIL, RAPESEED, RAW—3 bbls, Mattoon & Co, Portland, Hamburg
WHITE—150 dms, Balfour, Guthrie & Co, Portland, Bremen
VEGETABLE—50 cs, S Ishimitsu Co, Keisho, Kobe
10 cs, Mutual Supply Co, Keisho, Yokohama
PEANUTS—500 sks, Balfour, Guthrie & Co, Silvermaple, Manila (for Oakland)
PEATMOSS—500 bls, Peat Import Corp, Portland, Bremen (for Oakland)
1,000 bls, Peat Import Corp, Portland, Bremen
389 bls, Wilson & George Meyer & Co, Abraham Lincoln, Oslo
PEPPER—25 sks, Damsterdijk, London
WHITE—20 sks, Damsterdijk, London
PYRETHRUM FLOWERS—10 bls, S L Jones & Co, Koryu, Kobe
100 bls, S L Jones & Co, Tohsei, Kobe
POWD—10 cs, Koryu, Kobe
SARDINE MEAL—800 sks, Pacific Trading Co, Koryu, Yokohama
1,500 sks, Otto Sales Co, Koryu, Yokohama
200 sks, Pacific Trading Co, Keisho, Yokohama
3,000 sks, Taylor Milling Corp, Keisho, Yokohama
SESAME SEED—2,082 sks, Pacific Vegetable Oil Corp, Tohsei, Shanghai
2,144 sks, Balfour, Guthrie & Co, Tohsei, Shanghai
2,400 sks, Bank of California, Tohsei, Shanghai
2,000 sks, Durkee Famous Foods, Koryu, Kobe
2,000 sks, Balfour, Guthrie & Co, Tohsei, Kobe
SOAP, SOFT—30 dms, Schou-Gallis Co, Abraham Lincoln, Oslo
SOYBEAN MEAL—2,000 sks, Wilbur-Ellis Co, Koryu, Kobe
SPIEGELEISEN—250 tons, Electro Metallurgical Sales Co, Abraham Lincoln, Oslo
SUPERPHOSPHATE—640 sks, Mitsubishi Shoji Kaisha, Keisho, Kobe
DOUBLE—800 sks, Mitsui & Co, Kosei, Kobe
TALLOW—10 dms, Manulani, Kahului
VETERINARY MEDICINE—6 kegs, Robert Gisler, Portland, Antwerp

Savannah Imports

GUM, INDUSTRIAL—50 cks, 12 tons, 6 cwt, 2 qtrs, 10 lbs, J P Marston Co, City of Flint, Liverpool
POTASH, MURIATE — 1,361 kilos, Shickshinny, Bremen
STARCH, POTATO—2,000 bgs, Shickshinny, Rotterdam
SOLUBLE—200 bgs, Shickshinny, Rotterdam
TAPIOCA FLOUR—250 bgs, Silverteak, Batavia

Seattle Imports

CELERY SEED—40 sks, Kota Agoeng, Bombay
CHALK—167 tons, Winnipeg, Newcastle
CHEMICALS—10 cks, 20 kegs, L H Butcher Co, Elbe, Hamburg
120 dms, Elbe, Antwerp
CHINA CLAY—126,977 kilos, Nichteroy, Rotterdam
COCOA BEANS—150 sks, Winnipeg, Cristobal
855 sks, West Ira, Para
EPSOM SALT — 400 sks, Wilson & George Meyer & Co, Elbe, Bremen
GLASS, PLATE—1 cs, C C Belknap Glass Co, Elbe, Antwerp
HERBS, MEDICINAL—12 bls, Fella, Trieste
MOWRAH MEAL — 150 sks, Kota Agoeng, Bombay
OIL, CODLIVER—25 dms, McKesson-Stewart-Holmes Co, Elbe, Hamburg
LUBRICATING—20 dms, Stonco, Inc, Elbe, Antwerp
OLIVE—25 dms, Fella, Malaga
OILCAKE—666 sks, Casein Co of America, Winnipeg, Havre
PEPPER, BLACK—183 sks, Kota Agoeng, Oosthaven
SAGE LEAVES—10 bls, Fella, Trieste
SAND—15 sks, M Whitehead Bros Co, Winnipeg, Havre
SILVERSAND—500 tons, Balfour, Guthrie & Co, San Diego, Antwerp
SODA CHLORATE—500 cans, International Selling Corp, San Diego, Antwerp
TANKAGE—546 sks, Golden Cloud, Auckland
5,690 sks, Hardanger, Santos
1,000 sks, West Ira, Buenos Aires
UNGROUND—5,000 sks, West Ira, Santos
WATER, MINERAL—150 cs, E & J Burke, Fella, Barcelona

Tacoma Imports

GLASS, WINDOW—165 cs, H Maran, Elbe, Hamburg
POTASH CHLORATE—200 bbls, C W Campbell Co, Winnipeg, Havre
200 cks, C W Campbell Co, Elbe, Hamburg

Tampa Imports

CALCIUM NITRATE—11,200 bgs, America, Heroen
COCONUTS — 730, America, Angrer, Puerto Castilla
PULP JUICE—5 cks, Lindvangen, Port of Spain

Exports from U.S. Ports

New York Exports

Clearance Dates

Ankara, August 25; Beemsterdijk, August 21; Birmingham City, August 17; Black Eagle, August 21; Black Tern, August 17; Borinquen, August 20; Boschdijk, August 14; Bremen, August 21; Britannic, August 21; Bronnoy, August 1; Burgos, August 14; Carabobo, August 12; Caracas, August 5; Carinthia, August 21; Conte Savoia, August 21; Cubano, August 14; Dagrunn, August 27; Esso Aruba; August 25; Fort Townshend, August 21; Gitano, August 18; Gypsum Empress, August 10; Ile de France, August 27; Ingria, August 26; Ingrid, August 21; Katsuragi, August 26; Musa, August 21; New York, August 19; Nordhavet, August 20; Norvinn, August 31; Oriente, August 14; Paul H Harwood, August 19; Paula, August 15; Pennland, August 21; Roma, August 29; Queen Mary, August 26; San Juan, August 22; Sandown Castle, August 19; Santa Barbara, August 14; Santa Maria, August 21; Sarcoxie, August 26; Scanmail, August 14; Siboney, August 6; Silverash, August 21; Silverteak, August 22; Svaneholm, August 21; Toloa, August 15; Unicol, August 20

ACETONE—28,980 lbs, Svaneholm, Norrkoeping; 12,834 lbs, Black Tern, Antwerp
ACID, BUTYRIC—8,010 lbs, Black Tern, Antwerp; 676 lbs, Pennland, Antwerp
MURIATIC—1,676 lbs, Bronnoy, Guayaquil; 3,764 lbs, Paula, Buenaventura
NITRIC—209 lbs, Musa, San Salvador
STEARIC—2,041 lbs, New York, Reykjavik
SULPHURIC—(Paula) 3,025 lbs, Buenaventura; 8,630 lbs, Callao; 4,752 lbs, Paul H Harwood, Aruba; 7,854 lbs, Toloa, Panama
TARTARIC—4,868 lbs, Toloa, Porto Colombia
ALCOHOL, DEN—1,100 gls, Toloa, Cartagena
AMMONIA SULPHATE—71,306 lbs, Burgos, St Kitts; 91,600 lbs, Ingrid, St Kitts; 303,750 lbs, San Juan, Guanica
ASPHALT—164,112 lbs, Sandown Castle, Port Natal; 110,052 lbs, Bremen, Bremen; 18,110 lbs, Gitano, Hull; 31,806 lbs, Carinthia, Liverpool
LIQUID—70,082 lbs, Beemsterdijk, Rotterdam; 5,596 lbs, Ingria, Lobito
BALSAM FIR—660 lbs, Katsuragi, Yokohama
BLUE, ULTRAMARINE—(Unicol) 12,010 lbs, Manila; 6,004 lbs, Cebu
BUTYL ACETATE—8,840 lbs, Black Tern, Antwerp
CALCIUM, GLUCONATE — 2,385 lbs, Svaneholm, Stockholm
CARBON BISULPHIDE—3,630 lbs, Paula, Valparaiso
CHEMICALS, COMP—2,598 lbs, Black Tern, Antwerp
COALTAR—7,071 lbs, Musa, Porto Barrios
DISTILLATE—1,678 lbs, Paula, Buenaventura
COCOA WASTE — 140,741 lbs, Black Eagle, Rotterdam
COLOR, DRY—13,440 lbs, Silverash, East London; 1,643 lbs, Indria, Leixoes
CORN FLOUR—7,050 lbs, Oriente, Havana; 13,966 lbs, Paula, Guayaquil; 1,275 lbs, Toloa, Corinto
SUGAR—14,200 lbs, Sandown Castle, Port Natal
SYRUP—904 lbs, Unicol, Manila; 3,750 lbs, Fort Townshend, St Johns; 7,511 lbs, Oriente, Havana; 3,075 lbs, Paula, Buenaventura
DEXTRIN, POTATO—2,245 lbs, Svaneholm, Norrkoeping
DICHLORODIFLUOROMETHANE—2,149 lbs, Black Tern, Antwerp
DISINFECTANT—2,499 lbs, Paula, Palta
COALTAR—2,618 lbs, Toloa, Cartagena
DRUGS—682 lbs, Sarcoxie, Havre
DYES — 1,149 lbs, Black Eagle, Rotterdam; 10,677 lbs, Black Tern, Antwerp; 615 lbs, Toloa, Porto Colombia
DYEWOOD EXTRACT—11,849 lbs, Roma, Genoa; 15,627 lbs, Conte Savoia, Naples
ETHER—677 lbs, Bronnoy, Buenaventura; 136 lbs, Musa, Santa Ana
ETHYL FLUID—2,200 gls, Sarcoxie, Havre
FERROCHROME — 14,182 lbs, New York, Hamburg
FERTILIZER—113,070 lbs, Oriente, Havana
FIRECLAY—..Svaneholm) 25,440 lbs, Malmo, 25,440 lbs, Stockholm
FULLERS EARTH — 43,088 lbs, New York, Hamburg
GASOLINE—57,450 gls, Ingria, Lisbon; (Norvinn) 803,828 gls, Havre-Rouen; 1,162,396 gls, Havre-Bordeaux
GLASS WINDOW—13,801 lbs, Borinquen, San Juan
GREASE, LUBRICATING—139,982 lbs, New York, Hamburg; 4,643 lbs, Silverash, Durban; (Gitano) 26,114 lbs, Hull; 10,920 lbs, Newcastle; 71,348 lbs, Britannic, London; (Bronnoy) 4,309 lbs, Buenaventura; 6,924 lbs, Guayaquil; 5,178 lbs, Antofagasta; 93,318 lbs, Carinthia, Liverpool; 4,450 lbs, Paula, Valparaiso; 4,648 lbs, Ingria, Lisbon; 17,500 lbs, Paul H Harwood, Aruba; (Scanmail) 4,438 lbs, Copenhagen; 4,618 lbs, Helsingfors; 22,485 lbs, Santa Maria, Callao; 1,761 lbs, Toloa, Panama; 15,164 lbs, Conte Savoia, Genoa; 18,020 lbs, Pennland, Antwerp; 32,895 lbs, Sarcoxie, Dunkirk
INSECTICIDE, HOUSEHOLD—24,902 lbs, Carabobo, La Guayra; 5,400 lbs, Ingrid, Guira
IRON OXIDE—2,655 lbs, Scanmail, Halmstad
ISOROPYL ACETATE—21,650 lbs, Black Tern, Antwerp
ETHER—770 gls, Sarcoxie, Havre
LACQUER—2,265 lbs, Black Eagle, Rotterdam; 9,660 lbs, Western Prince, Buenos Aires; 725 lbs, Musa, Porto Barrios
THINNER—1,650 gls, Western Prince, Buenos Aires
LARD—(Borinquen) 4,000 lbs, San Juan; 137,264 lbs, Black Tern, Antwerp; (Gitano) 84,500 lbs, Hull; 63,500 lbs, Newcastle; (San Juan) 28,750 lbs, San Juan; 10,000 lbs, Ponce; 56,000 lbs, Mayaguez; (Toloa) 8,000 lbs, Santa Marta; 8,025 lbs, Porto Colombia; 4,151 lbs, Queen Mary, Southampton
LEAD ARSENATE — (Bronnoy) 18,996 lbs, Valparaiso; 20,246 lbs, Talcahuano
RED—11,960 lbs, Svaneholm, Gothenburg; 4,482 lbs, Ingrid, Guira
SULPHATE—2,365 lbs, Silverash, Port Elizabeth
WHITE—41,855 lbs, Silverteak, Manila
LINSEED CAKE—902,384 lbs, Black Tern, Antwerp; 222,720 lbs, Scanmail, Helsingfors; (Sarcoxie) 563,158 lbs, Dunkirk-Havre; 855,911 lbs, Havre; 680,776 lbs, Dunkirk
MEAL—(Burgos) 43,750 lbs, San Fernando; 193,750 lbs, Trinidad; 101,016 lbs, Fort Townshend, St Johns
OIL, CASTOR—1,409 lbs, San Juan, Ponce
COCONUT—7,026 lbs, Borinquen, Ciudad
COOKING—2,160 lbs, Borinquen, San Juan
CORN—452 lbs, Unicol, Manila
CYLINDER—1,925 gls, Fort Townshend, St Johns
EDIBLE—904 lbs, Toloa, Corinto; 1,325 lbs, Musa, Porto Barrios
ENGINE—27,500 gls, Bronnoy, Tocopilla
FLOTATION—275 gls, Paula, Callao
LUBRICATING—1,650 gls, Toloa, Kingston; 2,365 gls, Musa, Porto Barrios; 37,128 gls, Roma, Genoa; 1,680 gls, Conte Savoia, Genoa; 22,405 gls, Pennland, Antwerp; (Ile de France) 21,000 gls, Havre; 1,050 gls, La Rochelle; (Sarcoxie) 6,972 gls, Havre; 22,260 gls, Dunkirk; 1,595 gls, Svaneholm, Stockholm; (Gitano) 5,640 gls, Hull; 1,375 gls, Newcastle; (Cubano) 1,100 gls, Rio de Janeiro; 4,822 gls, Rio Grande; (Ankara) 700 gls, Para; 1,000 gls, Ceara; 1,000 gls, Pernambuco; 550 gls, Natal; 14,302 gls, Britannic, London; 6,435 gls, Fort Townshend, St Johns; (Sandown Castle) 1,145 gls, East London; 4,600 gls, Port Natal; 9,150 gls, Lourenco Marques; 3,410 gls, Borinquen, Ciudad; (Carabobo) 6,265 gls, Porto Cabello; 2,750 gls, Maracaibo; 17,110 gls, La Guayra; 4,005 gls, Black Tern, Antwerp; 113,909 gls, New York, Hamburg; (Bronnoy) 3,975 gls, Buenaventura; 6,450 gls, Guayaquil; 4,950 gls, Callao; 4,810 gls, Mollendo; 4,950 gls, Arica; 6,600 gls, Antofagasta; 1,925 gls, Valparaiso; 1,835 gls, Magallanes; 8,975 gls, Talcahuano; 17,388 gls, Boschdijk, Rotterdam; (Beemsterdijk) 16,510 gls, Rotterdam; 6,636 gls, Amsterdam; 2,310 gls, Oriente, Havana; (Carinthia) 24,25 gls, Liverpool; 1,925 gls, Calcutta; (Ingria) 26,792 gls, Lisbon; 6,720 gls, Marseilles; 1,375 gls, Bone; 8,965 gls, Haiphong; (Santa Barbara) 1,375 gls, Cristobal; 2,475 gls, Callao; 4,810 gls, Antofagasta; 4,125 gls, Taltal; 3,125 gls, Valparaiso; 7,200 gls, Talcahuano; (Western Prince) 4,772 gls, Rio de Janeiro; 3,550 gls, Montevideo; (Santa Maria) 6,710 gls, Callao; 3,605 gls, Iquique; 2,420 gls, Antofagasta; 2,585 gls, Valparaiso; (Montgomery City) 7,810 gls, Bombay; 5,830 gls, Calcutta; (Paula) 900 gls, Buenaventura; 3,150 gls, Guayaquil; 3,850 gls, Tocopilla; 4,400 gls, Antofagasta; 9,730 gls, Valparaiso; 6,550 gls, Talcahuano
MINERAL—1,980 gls, Scanmail, Helsingfors; 2,760 gls, Ile de France, Bordeaux
OLEO—4,750 lbs, Beemsterdijk, Rotterdam; 18,522 lbs, Carinthia, Liverpool; 21,856 lbs, Scanmail, Copenhagen; 4,840 lbs, Pennland, Antwerp
PINE—7,069 lbs, Svaneholm, Gothenburg
SULPHONATED—1,454 lbs, Carinthia, Liverpool
TRANSFORMER—1,650 gls, Western Prince, Rio de Janeiro
TURTLE—48 lbs, Katsuragi, Yokohama
VEGETABLE—2,728 lbs, New York, Hamburg
WORMSEED—462 lbs, Carinthia, Liverpool
PAINT—1,182 lbs, Burgos, Trinidad; 4,979 lbs, New York, Helsingfors; 6,042 lbs, Beemsterdijk, Rotterdam; 19,571 lbs, Silverteak, Manila; 14,270 lbs, Ingrid, Guira; 14,420 lbs, Western Prince, Buenos Aires; 8,096 lbs, Musa, Porto Barrios
PREPARED—6,147 lbs, Birmingham City, Honolulu
THINNER—550 gls, New York, Helsingfors
PARAFFIN—10,222 lbs, Britannic, London; 45,210 lbs, Unicol, Shanghai; (New York) 47,300 lbs, Hamburg; 27,240 lbs, Reykjavik; (Bronnoy) 11,101 lbs, Buenaventura; 43,947 lbs, Tumaco; 90,127 lbs, Guayaquil; 55,495 lbs, Pimentel; 99,831 lbs, Paula, Callao; 44,990 lbs, Ingria, Casablanca; 67,593 lbs, Scanmail, Helsingfors
REFINED—11,129 lbs, Ingria, Leixoes
SCALE—5,610 lbs, Gitano, Newcastle; (Ingria) 7,279 lbs, Leixoes; 12,069 lbs, Lisbon; 17,512 lbs, Scanmail, Copenhagen
PETROLEUM, REFD—(Caracas) 1,000 gls, Aruba; 2,000 gls, Curacao
POLISHING COMP—20,000 lbs, Carinthia, Liverpool
POTASH BROMATE, POWD—2,640 lbs, Black Eagle, Rotterdam
CHLORATE—3,753 lbs, Musa, Porto Barrios
XANTHATE—2,169 lbs, Bronnoy, Chimbote
QUICKSILVER—5,000 lbs, Silverash Lourenco, Marques
RESIN, SYNTH—28,005 lbs, New York, Hamburg; 11,609 lbs, Carinthia, Liverpool
ROSIN—5,092 lbs, Beemsterdijk, Rotterdam
SENEGA ROOT—1,017 lbs, Beemsterdijk, Rotterdam
SOAP—40,205 lbs, Unicol, Manila; 16,481 lbs, San Juan, Ponce
LAUNDRY—3,150 lbs, Toloa, Belize
SODA ASH—9,760 lbs, Silverash, Durban; (Cubano) 11,754 lbs, Montevideo; 48,933 lbs, Buenos Aires; 14,552 lbs, Birmingham City, Honolulu; 112,162 lbs, Carabobo, La Guayra; 8,331 lbs, Beemsterdyk, Rotterdam; 29,880 lbs, Carinthia, Liverpool; 15,615 lbs, Paula, Guayaquil; 4,680 lbs, Toloa, Porto Colombia; 113,070 lbs, Dagrun, Rio Janeiro
BICARBONATE—10,300 lbs, Toloa, Cartagena
BROMIDE—9,347 lbs, Scanmail, Leningrad
CARBONATE SASQUI—12,240 lbs, Silverash, Durban
CAUSTIC—113,784 lbs, Cubano, Santos; (Bronnoy) 17,058 lbs, Buenaventura; 35,824 lbs, Talahuano; 7,107 lbs, Paula, Guayaquil; 700,000 lbs, Paul H Harwood, Aruba; (Toloa) 37,960 lbs, Cartagena; 4,300 lbs, Porto Colombia; 160,220 lbs, Dagrun, Buenos Aires
PHOSPHATE, TRI—4,661 lbs, Sandown Castle, Capetown
SILICATE—3,429 lbs, Borinquen, Ciudad
STARCH, CORN—31,750 lbs, Britannic, London; 4,510 lbs, Sandown Castle, Beira; 1,650 lbs, Carabobo, Curacao; (Unicol) 2,250 lbs, Manila; 1,140 lbs, Shanghai; 2,579 lbs, Hongkong
STEARIN, TAR—93,084 lbs, Bremen, Bremen
SULPHUR—8,000 lbs, Gypsum Empress, Windsor
TALC—22,406 lbs, Gitano, Newcastle; 44,800 lbs, Carinthia, Liverpool
TALLOW—26,590 lbs, Borinquen, Ciudad
TANNING EXTRACT—2,521 lbs, Silverash, Mossel Bay; 6,880 lbs, Sandown Castle, Capetown; 12,253 lbs, Carinthia, Liverpool; 5,043 lbs, Pennland, Antwerp
TURPENTINE—(Bronnoy)250 gls, Chimbote; 300 gls, Pisco; 1,100 gls, Valparaiso; (Paula) 1,000 gls, Callao; 250 gls, Pisco; 300 gls, Mollendo
ZINC DUST—2,415 lbs, Paula, Chanaral

Baltimore Exports

Clearance Dates

Algic, August 22; Argentino, August 21; Black Falcon, August 21; Chincha, August 24; Ensley City, August 24; Independence Hall, August 27; Kem, August 26; Kolsnaren, August 28; San Vincente, August 21; Waukegan, August 22

ACID, CHROMIC—1,100 lbs, Black Falcon, Antwerp
AMMONIA, SULPHATE—(Chincha) 35 tons, Beira; 200½ tons, Port Natal
ASPHALT, SOLID—(Black Falcon) 6 tons, Amsterdam; 4 tons, Rotterdam
COPRA CAKE—785,097 lbs, Kolsnaren, Sweden
DEXTRIN—6,000 lbs, Chincha, Capetown
GREASE, LUBRICATING—580 lbs, San Vincente, Colon; 3,200 lbs, Argentino, Rio de Janeiro; 25,256 lbs, Black Falcon, Rotterdam
INSECTICIDE—4,240 lbs, Algic, Buenos Aires; 5,846 lbs, Ensley City, Honolulu
OYSTER SHELLS, CRUSHED—19 tons, Kem, Windsor
PETROLATUM, AMBER—11,250 lbs, Argentino, Buenos Aires
WHITE—16,875 lbs, Argentino, Buenos Aires
POLISH, FURNITURE—90 lbs, San Vincente, Colon
POTASH, BICHROMATE—4,480 lbs, Black Falcon, Rotterdam
RUTILE—2,204 lbs, Black Falcon, Rotterdam
SAND, PREP—276 lbs, Black Falcon, The Hague
SODA, BICHROMATE—11,020 lbs, Argentino, Santos
SOLVENTS, MIXED—27,000 lbs, Independence Hall, Havre
SUPERPHOSPHATE — 4,801,760 lbs, Kem, Windsor, N S
TITANIUM LITHOPONE—13,800 lbs, Waukegan, Hull

Beaumont Exports

Clearance Dates

Atheichief, August 14; Colorado Springs, August 21; Marathon, August 14; Velma Lykes, August 12; West Harshaw, August 21

BLACK, CARBON—300 bgs, Colorado Springs, Liverpool; 7 tons, West Harshaw, Avonmouth
PAINT, AUTO—2 ctns, Velma Lykes, San Juan
PETROLEUM, CRUDE—86,495 bbls, Atheichief, Kudamatzu; 79,148 bbls, Marathon, Montreal
RADIATOR CLEANER—1 ctn, Velma Lykes, San Juan
SOAPSTOCK, COTTONSEED—67 tons, West Harshaw, Glasgow
SULPHUR—(West Harshaw) 113 tons, Glasgow; 117 tons, Dublin
VALVE COMP—1 ctn, Velma Lykes, San Juan

Boston Exports

Clearance Dates

Abangarez, August 18; American Importer, August 23; Artigas, August 21; Atenas, August 21; Black Eagle, August 11; Black Hawk, August 22; Black Tern, August 11; Evangeline, August 13, 19, 21; Gertrude Maersk, August 24; Saint John, August 11, 14, 18, 21, 23; Sarcoxie, August 22; Tagati, August 19; Vulcania, August 21; Yarmouth, August 20 and 22

ALUMINA, OXIDE — 3 kgs, and 1,505 bgs, 151,677 lbs, Sarcoxie, Seine
SULPHATE—(Atenas) 5 bbls, 1,826 lbs, Niquero; 100 bgs, 20,000 lbs, Havana; 170,960 lbs, Tagati, Liverpool
BLACK, LAMP—4 bxs, 240 lbs, Saint John, St John
BLUE, LAUNDRY—2 cs, 120 lbs, Yarmouth, Halifax
BRISTLES—18 cs, 2,423 lbs, Saint John, St John
BUTYL ACETATE—3 dms, 1,155 lbs, Gertrude Maersk, Hongkong
CELERY SEED—1 bg, 100 lbs, Saint John, St John
CHEMICALS—1 bg, 100 lbs, Black Tern, Antwerp; 3 cs, 10 dms, 79 gls, Sarcoxie, Havre
CLAY—16 bbls, 3,974 lbs, Sarcoxie, Seine
CLEANING COMP—1 cs, 71 lbs, Vulcania, Lisbon
DRESSING, LEATHER—1 cs, 24 lbs, Atenas, Panama
SHOE—2 half bbls, 50 gls, Artigas, Zlin; (Atenas) 4 bbls, 43 cs, 458 gls, Havana; 1 cs, 8 lbs, Kingston
ETHYL ACETATE—4 dms, 1,560 lbs, Gertrude Maersk, Hongkong
FENUGREEK SEED—6 bgs, 1,188 lbs, Saint John, St John
GLUE, FISH—1 kg, and 25 bbls, 1,259 gls, Sarcoxie, Havre
PHOTO-ENGRAVING—10 cs, 270 lbs, Artigas, Hamburg
GREASE, LUBRICATING—1 cs, 110 lbs, Artigas, London
SOAP—(Atenas) 20 bbls, 8,365 lbs, Havana; 15 bbls, 6,244 lbs, Cardenas
INK, PRINTING—73 dms, 32,412 lbs, Artigas, Helsingfors
SHOE—2 cs, 15 lbs, Atenas, Kingston
LINING COMP—(Sarcoxie) 2 dms, 1,122 lbs, Havre; 6 dms, 2,841 lbs, Dunkirk; 23 dms, 10,648 lbs, Black Eagle, Rotterdam; 12 dms, 5,597 lbs, Black Tern, Antwerp; (Black Hawk) 32 dms, 2,547 lbs, Antwerp; 1 dm, 561 lbs, Rotterdam; (Artigas) 50 dms, 2,300 lbs, Odense; 50 dms, 2,300 lbs, Hamburg
LUBRICANT, DRAWING—6 dms, 222 lbs, Sarcoxie, Havre
MEDICINAL PREPS — 21 straps, 546 lbs, Atenas, Havana
MUSTARD SEED—1 bg, 100 lbs, Saint John, St John
NITROCELLULOSE—2 dms, 619 lbs, Artigas, Stevenson
OIL, CODLIVER — 40 dms, 4,000 lbs, Saint John, St John
LUBRICATING—1 crtn, 5 gls, Evangeline, Sandy Cove; 41 dms, 200 gls, Saint John, St John
PAINT, ENAMEL—1 cs, 320 lbs, Artigas, London
PASTE—1 dm, 71 lbs, Artigas, London
ADHESIVE—6 dms, 336 lbs, Black Tern, Antwerp
FLOUR, DRY—2 cs, 50 lbs, Artigas, Tammerfors
PEANUTS—4 bgs, 368 lbs, Evangeline, Lunenburg
PIGMENT COMP—28 dms, 840 gls, Sarcoxie, Havre
POLISH, METAL—4 crts, 72 lbs, Atenas, Havana
SHOE—25 cs, 2,925 lbs, Black Tern, Bagdad; 6 cs, 9 crtns, 48 gls, Atenas, Havana; 5 bxs, 215 lbs, Saint John, Moncton
STOVE—55 cs, 1,869 lbs, Saint John, St John
ROSIN, GUM—45 bbls, 21,585 lbs, Yarmouth, Halifax
SHELLAC—2 cs, 264 lbs, Sarcoxie, Havre
SOAP, TAR—99 cs, 2,481 lbs, Atenas, Havana
TOILET—100 cs, 2,437 lbs, Atenas, Havana
SODA PHOSPHATE, TRI—6 bbls, 1,950 lbs, Evangeline, Yarmouth
SULPHATE—50 bbls, 50 kgs, 20,000 lbs, Atenas, Havana
SOLDER FLUX—2 dms, 84 lbs, Black Hawk, Antwerp
SULPHUR—20 crtns, 1,200 lbs, Abangarez, Tela
TANNING FINISH—25 bbls, 11,609 lbs, American Importer, Leeds
TURMERIC, POWD—1 bbl, 304 lbs, Saint John, St John, N B
TURPENTINE, GUM—1 bbl, 51 gls, Yarmouth, Yarmouth; (Saint John) 6 dms, 1,960 lbs, Moncton; 10 dms, 3,920 lbs, Saint John; 3 dms, 165 gls, Summerside
VARNISH—1 cs, 2 gls, Artigas, London
WATERPROOF COMP—1 bg, 100 lbs, Black Hawk, Antwerp; 1 bg, 100 lbs, Sarcoxie, Havre; 1 bg, 100 lbs, Artigas, Hamburg
WAX, FLOOR—1 cs, 70 lbs, Evangeline, Kentville
SEALING—1 cs, 191 lbs, Artigas, London
SHOE—(Atenas) 17 cs, 102 gls, Havana; 1 cs, 13 lbs, Panama

Corpus Christi Exports

Clearance Dates

Caroline Maersk, August 18; Ophelia, August 19

PETROLEUM, CRUDE—63,229 bbls, Ophelia, Donges; 37,342 bbls, Caroline Maersk, Gothenburg

Galveston Exports

Clearance Dates

Avon Valley, August 25; Effingham, August 24; Monbaldo, August 21; Waban, August 19; Weirbank, August 20

BLACK, CARBON—75 cs, Weirbank, London; CONCENTRATES—133 tons, Waban, London; 220 tons, Monbaldo, Genoa
SALT—20 tons, Effingham, Manila
SULPHUR—2,000 tons, Waban, Hull; (Avon Valley), 1,100 tons, Quebec; 2,450 tons, Three Rivers; 2,000 tons, Sorel; 1,950 tons, Montreal

Houston Exports

Clearance Dates

Atago, August 19; Cardita, August 19; Cardonia, August 22; Laurent Meeus, August 20; Luebeck, August 25; Monbaldo, August 19; Markland, August 21; Michigan, August 21; Phoenix, August 20

BLACK, CARBON—(Atago) 3,700 bgs, 25 cs, Yokohama; 550 bgs, 100 cs, Kobe; 100 bgs, 10 cs, Yokohama-Osaka-Kobe; (Monbaldo) 150 bgs, Genoa; 4 cs, Calcutta; 25 tons, Michigan, Havre; (Cardonia) 875 cs, 4,500 bgs, Havre; 21 cs, 350 bgs, Antwerp; 750 cs, Rotterdam; 100 tons, Luebeck, Bremen

GASOLINE—13,500 bbls, Phoenix, Montreal, 4,150 tons, Laurent Meeus, Amsterdam; 3,250,000 gls, Markland, Brussels

GREASE—60 bbls, Markland, Brussels

KEROSENE—2,200 tons, Laurent Meeus, Amsterdam

OIL, GAS—2,300 tons, Laurent Meeus, Amsterdam

LUBRICATING—(Atago) 100 dms, Yokohama; 65 dms, Kobe; (Manbaldo), 65 bbls, Naples; 65 bbls, Marseilles; 65 bbls, Michigan, Havre

PETROLEUM, CRUDE—12,000 tons, Cardita, Montreal

POTASH—500 tons, Atago, Yokohama-Kobe-Osaka-Moji

WAX—50 bbls, Monbaldo, Genoa

Lake Charles Exports

Clearance Dates

Anhalt, August 19; Cardonia, Antwerp

ROSIN—2,000 dms, Anhalt, Buenos Aires

Los Angeles Exports

Clearance Dates

Antigua, August 15; Austvard, August 15; Bullmouth, August 20; Glittre, August 21; Hopecrest, August 11; John Bakke, August 15; Keisho, August 14; Kingsley, August 19; Koryu, August 11; Leikanger, August 13; Pacific, August 10; Pacific Shipper, August 10; President Van Buren, August 10; Ruth Alexander, August 23; San Luis, August 18; South Africa, August 18; Steel Voyager, August 25; Tai Shan, August 16; Taiheo, August 16; Tatekawa, August 18; Tohsei, August 19; Toorak, August 24; Wilzipo, August 10; Zuiyo, August 22

ACID, BORIC—400 bgs, 44,800 lbs, Steel Voyager, Liverpool

ALUMINA STEARATE—1,000 lbs, Kingsley, Victoria

BORATE—765 bgs, 121,730 lbs, Koryu, Osaka; 3,910 bgs, 628,250 lbs, Steel Voyager, Liverpool

BORAX—(Koryu) 181 bgs, 19,960 lbs, Yokohama; 1,814 bgs, 199,990 lbs, Osaka

CHEMICALS—400 lbs, Austvard, Shanghai

CLAY—27 bgs, 3,020 lbs, Antigua, Maracaibo

ETHYL LACTATE—430 lbs, Austvard, Shanghai

GASOLINE—68,700 bbls, 17,930,700 lbs, Glittre, Australia; (South Africa) 7,374 bbls, 12,364,610 lbs, Australia; 2,532 bbls, 721,620 lbs, New Zealand; 1,600 dms, 525,920 lbs, Bullmouth, Manila

GREASE, LUBRICATING—9 bbls, 60 cs, 5,790 lbs, Tai Shan, Manila

INFUSORIAL EARTH—(Pacific) 108 sks, 10,800 lbs, Leixoes; 40 bgs, 4,100 lbs, Birmingham; 1,952 bgs, 190,400 lbs, Manchester; 560 bgs, 56,000 lbs, Liverpool; 340 bgs, 33,600 lbs, Leikanger, Buenos Aires; (Steel Voyager) 495 bgs, 49,280 lbs, London; 224 bgs, 22,400 lbs, Avonmouth

KEROSENE—5,000 cs, 425,000 lbs, Hopecrest, Cebu; (South Africa) 9,304 bbls, 13,501,590 lbs, Australia; 2,532 bbls, 721,620 lbs, New Zealand

LACQUER—650 lbs, Tai Shan, Manila

COLORED—5,100 lbs, President Van Buren, Manila

THINNER—900 lbs, President Van Buren, Manila; 280 lbs, Hopecrest, Bombay

LARD—(Wilzipo) 7,400 lbs, Ponce; 18,500 lbs, San Juan

MINERAL SPTS—50 dms, 19,860 lbs, Leikanger, Buenos Aires

OIL, DIESEL—3,067 bbls, 956,900 lbs, Austvard, Yokohama; 5,276 bbls, 1,646,110 lbs, Tohsei, Moji; 5,783 bbls, 1,804,360 lbs, Taiheo, Osaka; 8,321 bbls, 2,596,150 lbs, Keisho, Osaka; (San Luis) 17,658 bbls, 5,509,300 lbs, Tokuyama; 17,603 bbls, 5,492,140 lbs, Shimidzu; (Toorak) 38,579 bbls, 12,062,810 lbs, Shanghai; 9,491 bbls, Hongkong

FUEL—10,540 bbls, 3,509,820 lbs, Koryu, Osaka; 23,253 bbls, 7,743,250 lbs, Zuiyo, Tsurumi; (Bullmouth) 23,118 bbls, 7,668,290 lbs, Manila; 40,854 bbls, 13,604,380 lbs, Honobagua

LUBRICATING—70 cs, 20 dms, 20,190 lbs, Tai Shan, Manila; (Glittre) 350 dms, 164,120 lbs, Melbourne-Adelaide; 180 dms, 88,460 lbs, Melbourne; 65 dms, Adelaide

OLEO—2,120 lbs, President Van Buren, Singapore

PAINT—2,570 lbs, Hopecrest, Bombay

PREPARED—3,740 lbs, Tai Shan, Manila

PECTIN, CITROUS—500 lbs, Pacific Shipper, London; 100 lbs, Antigua, Cristobal

SODA, ASH—100 bbls, 30,000 lbs, President Van Buren, Manila

BENZOATE—1,870 lbs, Ruth Alexander, Nanaimo

CAUSTIC—2,700 lbs, President Van Buren, Manila

TITANIUM DIOXIDE—900 lbs, Austvard, Shanghai

TOILET PREPS—800 lbs, President Van Buren, Hongkong; 300 lbs, Taiyo, Tokio

VARNISH—1,680 lbs, Tai Shan, Manila

New Orleans Exports

Clearance Dates

Anna, August 13; Chemnitz, July 31; Effingham, August 13; Frankfurt, August 15; Hindenburg, July 3; Isis, July 2; Jobshaven, August 15; Laura C, August 25; Osiris, July 13; Rhein, July 30; San Zeferino, August 26

ASPHALT—(Chemnitz) 1,042 lbs, Hamburg; 10 sks, Bremen/Hamburg; 44 sks, Isis, Hamburg; (Frankfurt) 30 sks, Bremen; 476 sks, Hamburg

BLACK, CARBON—1 ton, Jobshaven, Hamburg; 148 cs, 983 sks, Chemnitz, Hamburg; 390 cs, 970 sks, Isis, Hamburg; 30 cs, Rhein, Kobe; 600 sks, Hindenburg, Yokohama; (Frankfurt) 1,160 cs, Bremen; 121 cs, 661 sks, Hamburg; 50 cs, Bremen/Hamburg; 50 cs, Bremen/Hamburg transhipment; (Osiris) 1,103 sks, Bremen; 610 cs, 1,944 sks, Hamburg

CLAY—1,200 sks, Chemnitz, Hamburg

GRD—27 tons, Jobshaven, London

COTTONSEED HULL, PULP—24 tons, Jobshaven, Antwerp

FIRECLAY—(Atna) 16 sks, Oranjestad; 25 sks, Maracaibo

GASOLINE—8,600 tons, San Zeferino, Aruba

GREASE—503 bbls, Chemnitz, Hamburg

INSECTICIDE — 4 dms, 4 cs, Isis, Bremen/Hamburg;

OIL, LUBRICATING—(Laura C) 6 bbls, Bari; 250 bbls, Fiume; 600 bbls, 570 tons, Chemnitz, Hamburg; (Isis) 65 bbls, Bremen; 57 bbls, Hamburg; 196 bbls, Bremen/Hamburg; (Frankfurt) 570 tons, 74 bbls, Hamburg; 35 dms, Bremen/Hamburg, transhipment; 20 dms, Effingham, Manila

PARAFFIN—(Jobshaven) 126 tons, London; 15 tons, Dublin; 5 tons, Antwerp; (Laura C) 2,087 sx, Venice; 102 sks, Istanbul; 423 sks, Isis, Bremen/Hamburg

PETROLEUM—30 bbls, Chemnitz, Hamburg; 273 bbls, Isis, Hamburg

ROSIN—(Jobshaven) 13 tons, Dublin; 22 tons, London; 250 bbls, Isis, Hamburg

SODA, CAUSTIC—672 dms, Effingham, Shanghai

SOYBEAN MEAL—2,800 sx, Isis, Hamburg

TOBACCO EXTRACT — 125 bbls, Chemnitz, Bremen; 38 bbls, Isis, Bremen

TRIPOLI—(Isis) 120 sks, Bremen; 205 sks, Hamburg

Norfolk Exports

Clearance Dates

Beemsterdyk, August 18; Silverash, August 17

POTASH, MURIATE—1,000 tons, Beemsterdijk, Amsterdam; 2,649 bgs, 536,160 lbs, Silverash, Durban

SULPHATE—2,240 bgs, 452,480 lbs, Silverash, Durban

Philadelphia Exports

Clearance Dates

Angelina, August 24; Ankara, August 22; Argentino, August 24; Black Falcon, August 27; City of Johannesburg, August 19; City of Norwich, August 20; Frankfurt, August 21; Giulia, August 24; Hororata, August 24; Ingria, August 20; Lehigh, August 24; Maasdam, August 18; Mangalore, August 24; Mayari, August 29; Prometheus, August 22; Sagaporack, August 22; San Anselmo, August 25; Schuylkill, August 27

ACETONE—6 dms, City of Norwich, Sydney

ALCOHOL, DEN—24 crtns, Black Falcon, Antwerp

ALUMINA SULPHATE—1,100 bgs, Angelina, San Juan; 50 bgs, Argentino, Buenos Aires; 80 bgs, San Anselmo, Bogota

AMMONIA ANHYD—20 cyls, City of Johannesburg, Karachi

ANTI KNOCK COMPOUND—193 pkgs, Mangalore, London

BENZOL—114 dms, Argentino, Buenos Aires

BLACK, BONE—12 pkgs, City of Johannesburg, Bombay; 85 bgs, City of Norwich, Sydney; 1 dm, Hororata, Auckland

CASSAVA FLOUR—80 bgs, Lehigh, Glasgow

CEMENT, FIBER—2 dms, 1 pail, Black Falcon, Antwerp

RUBBER—5 dms, 1 pail, Black Falcon, Antwerp

CLEANER COMP—18 crtns, Hororata, Auckland

COCOA CAKE—803 bgs, Black Falcon, Amsterdam

COLORS, COALTAR—10 dms, Giulia, Zagreb

CHEMICAL COMP—4 cs, Prometheus, Port Swettenham

DEXTRIN—35 bgs, Hororata, Wellington

DRAWING COMP—1 kg, Lehigh, Glasgow

DYEWOOD EXTRACT, DRY—1 bbl, 20 cs, Argentino, Santos

ETHYL FLUID—200 bbls, Angelina, San Juan; 7 dms, Black Falcon, Rotterdam

FERROMANGANESE—1 dm, Hororata, Auckland

GASOLINE — 2 bbls, Frankfurt, Kolin; (Mandu) 1,000 cs, Rio de Janeiro; 1,500 cs, Santos; 500 cs, Sao Francisco do Sul

GLYCERIN SUBSTITUTE—24 crtns, Black Falcon, Antwerp

GREASE—30 bbls, 10 dms, Ingria, Lisbon; 1 pail, Maasdam, Amsterdam; 1 pail, 6 dms, Black Falcon, Antwerp

LUBRICATING—(City of Johannesburg) 7 hlf dms, Karachi; 2 dms, Bombay; (City of Norwich) 7 dms, Sydney; 25 cs, Brisbane; 3 dms, 8 cs, Fremantle; 1 dm, 1 bx, Sagaporack, Gothenburg; 32 cs, 3 pails, Giulia, Santi Quaranta; 25 dms, Mangalore, London; 31 pkgs, Ankara, Para; (San Anselmo) 13 pkgs, Pasto; 4 dms, San Jose; 3 dms, Barranquilla; 10 dms, 150 cs, 30 buckets, 10 bbls, Mandu, Santos

ILMENITE—17 kgs, Lehigh, Liverpool

INK—5 crtns, City of Johannesburg, Calcutta

INSECTICIDE—8 cs, 4 bdls, 3 dms, City of Johannesburg, Dar es Salaam; (Hororata) 24 crtns, Auckland; 70 crtns, Dunedin

ISO OCTANE—9 cs, Mangalore, London; 6 cs, Black Falcon, Brussels

LICORICE MASS—180 cs, Mangalore, London; (Hororata) 33 cs, Auckland; 10 cs, Wellington; 6 cs, Argentino, Rio de Janeiro

WASTE—20 dms, Mangalore, London

LINSEED CAKE—945 bgs, Lehigh, Liverpool; 2,392 bgs, Black Falcon, Rotterdam

MEAL—(Mayari) 1,110 bgs, Port of Spain; 150 bgs, Georgetown; 3,100 bgs, Bridgetown

MEDICINAL PREPS—(City of Johannesburg) 3 cs, Bombay; 12 cs, Madras; 10 cs, Rangoon; 2 cs, Calcutta

MINERAL SPTS — 100 cs, Ankara, Para; (Mandu) 750 cs, Rio de Janeiro; 3,000 cs, Santos; 150 cs, Paranagua

OIL—3 dms, Maasdam, Amsterdam; 4 dms, Black Falcon, Antwerp

ILLUMINATING — 4,407,713 gls, Schuylkill, London; (Manila) 5,000 cs, Rio de Janeiro; 3,000 cs, Santos; 1,000 cs, Sao Francisco do Sul

LUBRICATING — (City of Johannesburg) 4 dms, Alexandretta; 55 pkgs, Port Said; 1,773 pkgs, 223 dms, 1 cs, Bombay; 1,131 pkgs, 125 dms, Karachi; 2,531 pkgs, Calcutta; 170 pkgs, Colombo; 1,050 pkgs, Rangoon; 605 pkgs, Madras; 824 pkgs, Basra; (City of Norwich) 38 dms, 203 pkgs, Sydney; 10 dms, 50 pls, 150 pkgs, Brisbane; 37 dms, 200 pls, 1,719 pkgs, Melbourne; 35 dms, 403 pkgs, Adelaide; 175 dms, 16 qr dms, 75 pls, 967 pkgs, Fremantle; 8 pkgs, Lae; 30 pkgs, Port Moseby; 35 pkgs, Launceston; 15 pkgs, Hobart; (Ingria) 830 bbls, 100 dms, 1,000 ctns, 513 pkgs, Lisbon; 420 ctns, 80 dms, 379 pkgs, Casablanca; 80 pkgs, Marseilles; 67 pkgs, Leixoes; (Sagaporack) 18 dms, Gothenburg; 12 dms, Stockholm; (Frankfurt) 130 bbls, 180 pkgs, Hamburg; 64 dms, Santa Cruz del Teneriffe; 751 pkgs, Giutgiu; 4 pkgs, Budapest; 22 pkgs, 6 cs, Vienna; 207 pkgs, Timisoara; 226 pkgs, Galatz; 120 bbls, Prague; (Giulia) 12 bbls, Maples; 32 dms, Valetta; 26 dms, 16 cs, Santi Quaranta; 11 dms, Valona; 25 dms, Durazzo; 10 pkgs, Split; 185 pkgs, Bos Brod; 75 pkgs, Zagreb; 2,533 pkgs, 10 dms, Piraeus; 450 bbls, 185 dms, 90 pkgs, Mangalore, London; (Prometheus) 174 dms, 439 pkgs, Penang; 100 dms, Port Swettenham; 10 dms, Batavia; 85 dms, Sourabaya; 540 pkgs, Singapore; 375 pkgs, Bangkok; (Ankara) 105 dms, 20 cs, 31 pkgs, Para; 267 pkgs, Pernambuco; 82 pkgs, Bahia; (Hororata) 1 ctn, 65 dms, 136 pkgs, Auckland; 5 dms, Napier; 34 pkgs, Lyttleton; 6 pkgs, Christchurch; 2 dms, 24 pkgs, Dunadin; 172 pkgs, Wellington; (Argentino) 60 dms, Rio de Janeiro; 81 pkgs, Buenos Aires; (San Anselmo) 28 pkgs, Colon; 12 pkgs, Pasto; 15 dms, Barranquilla; 80 bbls, Lehigh, Liverpool; (Mandu) 10 bbls, 610 cs, 760 ctns, Santos; 13 dms, 28 cs, 79 ctns, Paranagua; 27 dms, 26 ctns, 145 bbls, Black Falcon, Antwerp

NEATSFOOT—5 bbls, Sagaporack, Gdynia

TRANSFORMER—20 bbls, Mangalore, London

PAINT—2 cs, City of Johannesburg, Bombay; 2 cs, Sagaporack, Stockholm; 9 dms, 36 pls, Maasdam, Amsterdam; 2 dms, Ankara, Natal; 33 dms, 1 cs, Black Falcon, Antwerp

PARAFFIN—54 bgs, City of Johannesburg, Bombay; 1 bx, Sagaporack, Stockholm; 1,580 bgs, Mangalore, London; (Argentine) 1 bx, Rio de Janeiro; 102 bgs, Montevideo; (Lehigh) 503 bgs, Liverpool; 119 bbls, Dublin; 212 bbls, Glasgow; 80 bbls, Mandu, Santos

PETROLATUM—700 bbls, Frankfurt, Hamburg; 6 cs, 70 bbls, Mangalore, London

PHENOL—50 dms, Black Falcon, Rotterdam

POLISH, FURNITURE — 18 ctns, Hororata, Auckland

METAL—24 ctns, Hororata, Auckland

SHOE—35 cs, City of Johannesburg, Alexandretta

SAND, FILTER—254 bgs, Sagaporack, Gdynia; 13 dms, Hororata, Gisborne

SOAP—4 ctns, Hororata, Auckland

LAUNDRY—600 bxs, Mangalore, London

SODA ASH—19 dms, City of Johannesburg, Bombay

TALLOW—20 cs, San Anselmo, Cristobal

TANNING EXTRACT, DRY—(City of Norwich) 6 bbls, Sydney; 4 bbls, 2 dms, Brisbane; 5 bbls, Melbourne

MATERIAL—10 bbls, Hororata, Christchurch; 9 bbls, Argentino, Buenos Aires; 10 bbls, San Anselmo, Lima

VARNISH—3 cs, City of Johannesburg, Bombay

WAX—126 bbls, Frankfurt, Hamburg

FLOOR—6 ctns, Hororata, Auckland

Port Arthur Exports

Clearance Dates

Beaumont, August 14; Meline, August 17; Orkanger, August 18; John P Pederson, August 17; Register, August 19

ASPHALT—(Orkanger) 899 dms, Antwerp; 276 dms, Orkanger, Amsterdam

GASOLINE—66,297 bbls, Beaumont, Havre; (Orkanger) 26,180 bbls, Antwerp; 46,772 bbls, Amsterdam; (Register) 500 bls, Cristobal; 350 bbls, David; 1,850 dms, Buenaventura

GREASE, LUBRICATING—286 dms, 192 cs, Orkanger, Amsterdam

KEROSENE—17,975 bbls, 5 dms, Orkanger, Amsterdam

OIL, FUEL—61,295 bbls, John P Pedersen, Barcelona

GAS—1,143 bbls, Orkanger, Amsterdam

LUBRICATING—(Orkanger) 20 dms, Antwerp; 25 bbls, 205 dms, 25 cs, Amsterdam

PETROLEUM, CRUDE—75,895 bbls, Meline, Bordeaux

WAX—1 bbl, Orkanger, Amsterdam

San Francisco Exports

Clearance Dates

Antigua, August, 13; Canada, August 10; City of Derby, August 11; Drechtdijk, August 14; Evita, August 8; General Pershing, August 10; Koyei, August 11; Koryu, August 14; Leikanger, August 11; Mitwo, August 11; President Coolidge, August 7; Ruth Alexander, August 11; Seattle, August 12; Silverbelle, August 12.

ABRASIVES—6 crts, President Coolidge, Shanghai

PAPER—3 pkgs, Silverbelle, Africa; 19 cs, President Coolidge, Manila

ACETONE—4 dms, City of Derby, Philippine Islands; 20 dms, Silverbelle, Africa; 63 dms, Drechtdijk, Holland

ACID, BORIC—50 bbls, President Coolidge, Hankow; 100 bbls, City of Derby, Philippine Islands

LACTIC—4 bbls, City of Derby, Philippine Islands

SULPHURIC—25 crbys, City of Derby, Philippine Islands

TARTARIC—13 kgs, City of Derby, Philippine Islands

AMMONIA—30 cyls, 4 cs, President Coolidge, Manila

APRICOT KERNELS—(Canada) 50 sks, Maimo; 50 sks, Copenhagen; (Seattle) 130 sks, Hamburg; 2 sks, Seattle, Klaipeda; 885 sks, Drechtdijk, Holland

ASPHALT—(President Coolidge) 1 dm, Shanghai; 1,410 dms, Hongkong; 200 dms, Shanghai; 300 bbls, City of Derby, China; 2,735 dms, Silverbelle, Africa

GRITS—201 sks, President Coolidge, Osaka; 202 sks, Canada, Hull; 58 sks, Silverbelle, Africa; (Seattle) 50 sks, Hamburg; 351 sks, Wein

BIOLOGICALS—1 cs, President Coolidge, Philippine Islands

BLUE, LAUNDRY—2 cs, President Coolidge, Manila

BORAX—2 cs, President Coolidge, Manila; 2 cs (President Coolidge) 2 cs, Shanghai; 3 cs, Manila

CALCIMINE—5 dms, 21 cs, 10 kgs, President Coolidge, Manila; 3 cs, Ruth Alexander, Vancouver

CEMENT, ROOF—17 cs, President Coolidge, Manila; 9 cs, Leikanger, Argentina

VULCANIZING—20 cs, Silverbelle, Africa

CHEMICALS—1 cs, President Coolidge, Manila; 1 cs, Antigua, Coco Solo

DRY—12 dms, President Coolidge, Manila

CHLORINE BLEACH, LIQ—(President Coolidge) 5 cs, Shanghai; 5 cs, Manila; 2 cs, General Pershing, Hongkong

CLEANING COMP—(President Coolidge) 1 dm, Osaka; 6 cs, Shanghai; 16 cs, Tientsin

CLEANSER, HOUSEHOLD—5 cs, President Coolidge, Hongkong; 10 cs, City of Derby, Manchuria

SHOE—12 cs, President Coolidge, Shanghai

COALTAR INTERMEDIATES — (President Coolidge) 8 dms, Yokohama; 8 dms, Kobe

COLORS, DRY—6 kegs, Seattle, Zurich

CREAM TARTAR—5 kegs, City of Derby, Philippine Islands

DENTIFRICE—1 cs, Antigua, Coco Solo

DIETHYLENE GLYCOL—1 dms, President Coolidge, Manila

DRESSING, SHOE—1 cs, President Coolidge, Tientsin; 3 cs, Antigua, Fort Randolph

DYESTUFFS—14 dms, President Coolidge, Kobe

FILLER, WOOD—5 cs, Silverbelle, Africa

FIRECLAY—247 sks, Antigua, Coco Solo

FLAVORING EXTRACT—(President Coolidge) 1 cs, Manila; 4 kegs,, Tsingtao; 3 cs, Shanghai; 3 cs, Silverbelle, Africa

FORMALDEHYDE—1 cs, President Coolidge, Hongkong

FREEZING LIQUID — 2 dms, President Coolidge, Manila

GASOLINE—32,202 bbls, Evita, Germany

AVIATION—45,276 bbls, Evita, Germany

GLANDULAR PRODUCTS—17 cs, President Coolidge, Shanghai

GLASS PLATE—1 cs, President Coolidge, Islands

GLUCOSE—120 bbls, General Pershing, Manila

GREASE, LUBRICATING—(President Coolidge) 50 dms, Bangkok; 130 dms, 25 pls, Manila; 8 pls, Tientsin; 35 pls, Antigua, Puerto Armuelles

HOPS—5 cs, President Coolidge, Manila

INK, PRINTING—(President Coolidge) 6 dms, 10 kits, 16 pls, Shanghai; 6 cs, Hongkong

INSECTICIDE — 4 cs, President Coolidge, Manila

ADHESIVE—20 cs, Silverbelle, Africa

KELP MEAL—40 sks, President Coolidge, Hongkong

KEROSENE—305 cs, Antigua, Puerto Armuelles

LACQUER—(President Coolidge) 10 cs, Manila; 6 dms, Yokohama; 294 cs, 6 kits, 5 pls, Silverbelle, Africa

CLEAR—10 pls, 8 dms, 19 cs, Silverbelle, Africa

THINNER—22 pls, President Coolidge, Shanghai; 50 cs, 98 dms, 40 kits, Silverbelle, Africa

LARD SUBSTITUTE—8 cs, General Pershing, Shanghai

LEAD ARSENATE—415 cs, Silverbelle, Africa

RED—200 kegs, President Coolidge, Manila

RED, DRY—6 dms, President Coolidge, Hongkong

WHITE—400 kegs, President Coolidge, Manila

WHITE, IN OIL—80 kegs, Drechtdijk, Colombia

LITHARGE—6 dms, President Coolidge, Hongkong

LOGDOOD EXTRACT, PASTE—10 cks, President Coolidge, Dairen

MEDICINAL PREP'S—(President Coolidge) 17 cs, Manila; 11 cs, Tokio

METHYL ETHYL KETONE—40 dms, Silverbelle, Africa

NAPHTHALENE—3 bbls, President Coolidge, Tientsin

NUTMEGS—1 bg, Antigua, Colon

OIL, CHINAWOOD — 54 dms, Leikanger, Argentina

CASHEW—20 dms, Leikanger, Peru

LINSEED — 226 dms, President Coolidge, Manila; 6 dms, Drechtdijk, Colombia

LUBRICATING — (President Coolidge) 655 dms, 13 cs, 6 pls, Manila; 75 dms, Kobe; 225 dms, Yokohama; 37 dms, Hongkong; 125 dms, Shanghai; 755 dms, 250 cs, Silverbelle, Africa

PUMP—1 cs, President Coolidge, Yokohama

SALAD—(President Coolidge, 17 cs, Hongkong; 40 cs, Manila; 10 cs, Shanghai; 11 cs, General Pershing, Hongkong; 20 cs, City of Derby, Manchuria

SPRAY—35 dms, Silverbelle, Africa

OXYGEN—12 cyls, Antigua, Puerto Armuelles

PAINT—(President Coolidge) 30 kegs, 80 cs, Manila; 1 cs, Philippine Islands; 34 cs, Tientsin; 91 cs, 54 pls, 16 dms, 5 kegs, Silverbelle, Africa

ASHPHALT—25 cs, Silverbelle, Africa

ENAMEL—25 cs, Leikanger, Argentina; 8 cs, Silverbelle, Africa; 1 cs, Drechtdyk, Colombia

PASTE—30 kegs, President Coolidge, Yokohama

PREPARED—(President Coolidge) 2 cs, 12 pls, Shanghai; 91 cs, 30 kegs, Manila; 10 cs, Hongkong; 20 kegs, Drechtdijk, Colombia

THINNER—(President Coolidge) 1 cs, Manila; 40 dms, Philippine Islands; 472 pls, 68 dms, 4 cs, Silverbelle, Africa

PARAFFIN—1 cs, General Pershing, Shanghai; 250 sks, Leikanger, Peru; 1 cs, City of Derby, Dairen; 89 sks, Seattle, Hamburg

PEPPER—2 sks, Antigua, Colon

PETROLEUM—100 dms, President Coolidge, Yokohama; 130 dms, 100 cs, Silverbelle, Africa

PHOSPHATE, GR—5 sks, President Coolidge, Bangkok

POLISH, FLOOR—1 cs, President Coolidge, Manila

METAL—12 cs, President Coolidge, Manila; 50 cs, Koyei, Japan; 35 cs, Koryu, Japan

SHOE—5 cs, President Coolidge, Manila; (Antigua) 3 cs, Fort Randolph; 3 cs, Fort Clayton

SILVER—1 cs, General Pershing, Hongkong

WAX—1 cs, President Coolidge, Manila

POLISHING MATERIAL—10 cs, President Coolidge, Manila; 52 cs, Silverbelle, Africa

POTASH ETHYL XANTHATE—400 dms, Silverbelle, Africa; 18 dms, Antigua, Valparaiso

NITRATE—1 dm, Antigua, Panama

XANTHATE—13 dms, President Coolidge, Manila

PUTTY—(President Coolidge) 1 cs, Manila; 1 cs, Shanghai; 13 cs, Silverbelle, Africa

QUEBRACHO EXTRACT—10 sks, President Coolidge, Manila

RESIN, SYNTH—2 dms, President Coolidge, Hongkong

RHODIUM SOL—6 pkgs, President Coolidge, Tokyo

SALT—25 cs, President Coolidge, Manila; 1,000 tons, Mitwo, Japan; 65 cs, City of Derby, Manchuria

SAND—5 cs, President Coolidge, Shanghai

SOAP—15 cs, President Coolidge, Hongkong; 5 cs, General Pershing, Hongkong

FLAKES—(President Coolidge) 7 cs, Hongkong; 5 cs, Manila; 5 cs, Hankow; 3 cs, General Pershing, Hongkong

LAUNDRY—(President Coolidge) 2 cs, Manila; 1 cs, Hankow

POWDER—2 cs, General Pershing, Hongkong

TOILET—(President Coolidge) Shanghai; 5 cs, Hankow; 100 cs, Antigua, Panama City

SODA—(President Coolidge) 2 cs, Canton; 50 cs, 20 bbls, Shanghai; 20 cs, Hongkong

ASH—2 sks, Antigua, Panama

BICARBONATE—1 cs, General Pershing, Hongkong

CAUSTIC—2 dms, Antigua, Panama

SILICATE—534 sks, President Coolidge, Manila; 1 cs, Antigua, Coco Solo

SOLDER FLUX—1 dm, President Coolidge, Manila

SOLVENT, BATHROOM—4 cs, President Coolidge, Shanghai

DRAIN-PIPE—5 cs, President Coolidge, Manila

SPRAY, TREE—7 dms, Silverbelle, Africa

STARCH, CORN—25 cs, President Coolidge, Hongkong

SULPHUR—400 sks, Silverbelle, Africa

SUPERPHOSPHATE—6 bbls, President Coolidge, Manila

TALLOW—25 dms, Antigua, Panama City

TAPIOCA, PEARL—1 bg, Antigua, Panama

TITANIUM PIGMENTS—200 bbls, President Coolidge, Manila

TOILET PREPS—(President Coolidge) 2 cs, Tokyo; 10 cs, Osaka; 2 cs, Manila; 22 cs, Shanghai; 1 cs, President Coolidge, Hongkong

TREE WASH—20 dms, Silverbelle, Africa

TURPENTINE—6 cs, Silverbelle, Africa

VANILLA EXTRACT—1 pkg, President Coolidge, Manila; 1 cs, City of Derby, Manchuria

VARNISH—4 cs, President Coolidge, Manila; 9 cs, Silverbelle, Africa
REMOVER—1 cs, President Coolidge, Manila
YEAST—(President Coolidge) 13 cs, Shanghai; 10 cs, Manila; 60 cs, President Coolidge, Kobe
ZINC OXIDE—5 kegs, Antigua, Panama

Savannah Exports

Clearance Dates

City of Lyons, August 21; Clearpool, August 20; Prince Rupert City, August 24; Reedpool, August 24; Vasaholm, August 21
DEER TONGUE LEAVES—(Clearpool) 1 bl, Amsterdam; 33 bls, Hamburg
FULLER'S EARTH—1,920 bgs, 111 tons, Vasaholm, Gdynia
ROSIN, GUM—(Clearpool) 675 bbls, London; 240 bbls, Rotterdam; (Vasaholm) 155 bbls, Oslo; 2,820 bbls, Gothenburg; 370 bbls, Copenhagen; 675 bbls, Gdynia; 150 bbls, Memel; 47 bbls, Riga; 300 bbls, Abo; 125 bbls, City of Lyons, Manila
SIZE—315 bgs, Clearpool, Rotterdam; (Vasaholm) 90 bgs, Bergen; 1,568 bgs, Gothenburg; 224 bgs, Helsingfors
WOOD—(Vasaholm) 100 bbls, Kristiansand; 75 bbls, Gothenburg; 60 bbls, Helsingfors; 50 bbls, Pernau; 300 dms, Mantylusto
TURPENTINE, GUM—(Clearpool) 2,850 bbls, London; 150 bbls, Rotterdam; 400 dms, Hamburg; (Vasaholm) 10 dms, 10 bbls, Oslo; 10 dms, Gothenburg; 25 bbls, Stockholm; 100 dms, Malmo; 525 bbls, Copenhagen

Tampa Exports

Clearance Dates

H S Albert II, August 18; Lindvangen, August 20; Maloa, August 22; Tenyo, August 23; Venice, August 22
CHEMICAL COMP—16 pkgs, Lindvangen, Kingston
GAS—2 cs, Maloa, Belize
GASOLINE—1 dm, H S Albert II, Belize; 20 bbls, Maloa, Belize
PHOSPHATE—4,650 tons, Venice, Yokohama; 2,855 tons, Tenyo, Osaka

Cargo Ship Arrivals

August 29 to September 11

New York

Agwistar	Tampico*	Sept 5
Alberta	Fiume*	Sept 10
Amazone	Maracaibo*	Sept 7
American Merchant	London*	Sept 7
American Shipper	Liverpool*	Sept 7
Argosy	Gdynia*	Sept 4
Atlantic	Zanzibar*	Aug 31
Berlin	Bremen*	Sept 9
Black Gull	Antwerp*	Sept 1
Black Osprey	Antwerp*	Sept 7
Black Tern	Antwerp*	Sept 11
Blankaholm	Skutskar*	Sept 4
Bordvik	Rekefjord*	Sept 9
Borinquen	Trujillo*	Aug 31
Brand	Vancouver*	Sept 8
Breedijk	Rotterdam	Sept 3
Buenaventura	Port au Prince*	Sept 7
California	San Francisco*	Aug 31
Carabobo	Puerto Cabello*	Aug 31
Cavallo	Hull	Sept 7
Champlain	Havre*	Sept 9
Charles R McCormick	Portland*	Sept 7
Chimu	Pisco*	Sept 2
Cissy	Para	Sept 9
City of New York	Capetown	Sept 4
Coamo	Trujillo*	Sept 7
Colombia	Cristobal*	Aug 31
Cristobal	Cristobal*	Aug 31
Cypria	Marseilles*	Sept 7
Dundrum	Hull	Sept 5
Eleanor Christensen	Seattle*	Sept 2
Etna	Gothenburg*	Aug 31
Exchester	Oran*	Sept 5
Executive	Genoa*	Sept 1
Exminster	Salonica*	Sept 7
Exochorda	Alexandria*	Sept 2
Falcon	La Guayra*	Sept 8
Fort Amherst	St Pierre*	Sept 10
Fort Townshend	St Pierre*	Sept 3
Friedrich Engels	Leningrad*	Sept 4
Georgic	Copenhagen*	Sept 3
Gerolstein	Antwerp	Sept 10
Glaucus	Hongkong*	Sept 11
Grant	San Francisco	Sept 8
Haiti	Cristobal*	Sept 7
Hanley	Portland*	Sept 1
Henri Jaspar	Antwerp	Sept 5
Henry D Whiton	Portland*	Sept 5
Herman F Whiton	Tacoma*	Sept 5
Iowan	Portland*	Sept 9
Isarco	Genoa*	Sept 1
J D Luckenbach	Portland*	Sept 8
Kano	Manila*	Sept 8
Karpfanger	Sundsvall*	Sept 3
Kungsholm	Gothenburg*	Sept 7
Kurama	Manila*	Sept 2
Kwansai	Keelung*	Sept 9
Lewis Luckenbach	Portland*	Sept 4
Makiki	Honolulu*	Sept 4
Manhattan	Hamburg*	Sept 3
Martinique	Aux Cayes*	Sept 3
Minnequa	Gdynia*	Sept 9
Munargo	Havana*	Sept 3
Musa	Puerto Barrios*	Sept 3
Nordkap	Santos*	Sept 6
Nordlys	London*	Sept 8
Northern Prince	Buenos Aires*	Sept 3
Ohioan	Portland*	Sept 2
Olympia	Palamos*	Sept 10
Oregonian	Seattle*	Sept 6
Oriente	Havana	Sept 4
Orizaba	Vera Cruz*	Sept 8
Paraguayo	Rio de Janeiro*	Sept 9
Pennsylvanian	Tacoma*	Sept 10
Platano	Puerto Barrios*	Sept 10
President Harding	Hamburg*	Sept 11
President Harrison	Manila*	Sept 7
President Lincoln	Manila*	Sept 7
Quaker City	Liverpool*	Sept 7
Robin Goodfellow	Capetown	Sept 11
Rosario	San Juan	Aug 31
San Clemente	Seattle*	Sept 8
San Jacinto	San Juan	Sept 1
San Juan	San Juan	Sept 8
Santa Clara	San Antonio*	Sept 8
Santa Ines	Valparaiso*	Sept 1
Santa Rosa	San Francisco*	Sept 9
Satartia	Buenos Aires*	Sept 1
Schodack	Dunkirk*	Sept 3
Scythia	Liverpool*	Sept 7
Sea Glory	Fowey*	Sept 10
Seatrain Havana	New Orleans*	Sept 1
Seatrain New York	New Orleans*	Sept 8
Shinko	Kobe*	Sept 1
Sidney M Hauptman	Seattle*	Sept 5
Silversandal	Batavia*	Sept 5
Soloy	Singapore	Sept 7
Spaarndam	Rotterdam	Sept 10
Statendam	Rotterdam*	Sept 7
Svealand	Cruz Grande*	Sept 4
Tai Ping	Manila*	Sept 1
Telamon	Para	Sept 1
Tolos	Santa Marta*	Sept 2
Trione	Ilheos*	Aug 31
Troubadour	River La Plate*	Sept 5
Tuscania	Glasgow*	Sept 9
Ulua	Santa Marta*	Sept 9
Veragua	Port Limon*	Sept 6
Victoria City	Philippines*	Sept 7
West Calumb	Buenos Aires*	Sept 1
Western World	Buenos Aires*	Sept 9
Yucatan	Vera Cruz*	Sept 1

* And other ports

Fertilizer Materials

Sulphur and Pyrites

(Continued from page 57)

pected announcement of superphosphate prices, it is stated, may be expected in a few days.

Crop conditions remain unchanged. Cotton harvesting is in progress with prospects of two-thirds to three-fourths average acre yield.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$10.82 per ton, interior producing points.

NITRATE OF SODA.—$24.50 per ton, bulk, port basis.

SULPHATE OF AMMONIA.—$25.50 per ton, port basis.

COTTONSEED MEAL.—7 percent grade, $32 ton, interior mills.

NITROGENOUS.—$2.60 to $2.65 per unit, port basis.

Baltimore, Sept. 2.—With the exception of increased interest in offerings of crude fertilizer materials, the state of the market is about as it has been of late. The current quotations are as follows:—

FISH SCRAP.—Further trading in unground is noted with the price around $3.25 to $3.35 and 10c. per unit-ton at factory. The fishing continued good in the first part of the week, but the latter half was affected by storms and heavy rains, which cut down the yield considerably. Domestic fish meal was held at $47 or more per ton.

TANKAGE.—Quotations are $4 and 10c. per unit-ton for high grade ground stocks, c.a.f. basis Baltimore, with unground supplies around $3.40 and 10c. to $3.50 and 10c. per unit-ton.

BLOOD.—The market holds at $4 per unit.

GARBAGE TANKAGE.—Quotations are nominally around $3.50 and 10c. and 70c. per unit-ton.

BONE.—Quotations hold at $27.50 to $28 per ton for 4½ and 50 ground raw, and at $25.50 to $26.50 per ton for 3 and 50 ground steamed stocks.

Chicago, Sept. 3.—Continued strength was noted in the general fertilizer market. With the domestic blood quoted at high prices and on a strong base, South American material was quoted somewhat below the domestic. Tankage is subject to considerable trade interest. Buying was in good volume, with sellers not very anxious to quote on any of these items. Bone materials, too, are feeling the effects of the generally higher market situation. Cracklings, hard pressed, are making new high levels and are in fair demand at the prevailing levels.

BLOOD.—High grade, ground and unground, $4 to $4.50 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $4.40 to $4.60; 7 to 9 percent, $4.75 to $5 and 10c.

TANKAGE.—High grade, ground, $3.40 to $3.50 and 10c.; low grade tankage, $19 to $20 per ton, Middle West; liquid stick, $2.50 to $2.60; hoof meal, $2.80 to $3.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $17 to $18; 3 and 50 percent, $19 to $21; 4½ and 50 percent, $23 to $24; grinding hoofs, pigs toes and waste horn materials, $19 to $20; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $26 to $27; pork cracklings, soft pressed, $55 to $65; beef cracklings, soft pressed, $45 to $55; hard pressed cracklings, per unit of protein, $1.05 to $1.10.

San Francisco, Aug. 31.—The whole list of fertilizers continues active here as consuming factors usually in the market at this time of the year are making their wants for the coming season known. Prices are generally well maintained in steady fashion and it is more or less a sellers' market, especially in organic ammoniates. Tankage and blood appear particularly to have gotten out of hand just lately, a wide range of prices appearing, according to seller and circumstance. Spot and nearby positions on fish meals are tight and deferred shipment material is firmly held. Bone products are fairly active. Although unconfirmed with buyers, two separate reports last week said Japanese and European sulphate of ammonia was making headway in the Los Angeles market at $25, port basis.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80; bulk lots, $25.50 per ton, all ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles harbor, and $26.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices for delivery to June, 1937.

POTASH NITRATE.—100-pound bags, $33 per ton ex vessel or warehouse, San Francisco/Oakland; 200-pound bags, $32.30 per ton; bulk lots, $31.

SUPERPHOSPHATE.—Domestic quoted at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 80c. to 85c. per unit. Foreign material, 75c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $37.50 per ton, October/February shipment, according to seller, f.o.b. cars, Monterey/San Francisco. Nearby quoted up to $41. Strictly fertilizer grade Japanese meal, September/October shipment from the Orient, at $30 per ton, c.i.f. San Francisco.

TANKAGE.—Local packing house tankage, ground, quoted at from $3.35 and 10c. to $3.90 and 10c. per unit-ton, f.o.b. cars Los Angeles, according to seller and position. San Francisco, strictly nominal, with offerings light. Argentine tankage, ground, quoted at $3.75 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic ground, quoted at 95c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 85c. per unit.

BONE MEAL.—Domestic steamed bone meal quoted nominally at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, nominally $24 per ton, delivered Pacific Coast ports. Raw Argentine nominal.

BLOOD MEAL.—Domestic quoted at $3.50 to $4 per unit, according to seller and position, f.o.b. cars, Los Angeles, and $3.25 to $3.75, San Francisco. Argentine blood meal quoted nominally at $3.70, c.i.f. Pacific Coast ports.

Bids Wanted

Ammonia: — Supplies of; Quartermaster, Plattsburgh Barracks, N. Y.; circular 10, opening September 14.

Ammonia Water, Strong:—1,200 4-pound bottles for Perry Point and Chicago; Procurement Division, Veterans Administration, Washington; procurement 116, opening September 10.

Barium Peroxide:—1,200 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 82, opening September 17.

Blueing:—Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; circular 10, opening September 14.

Blueing, Liquid:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, Second and Arsenal streets, St. Louis, Mo.; circular 25, opening September 14.

Brushes:—Supplies of various types, flowing, sash tool, lettering, varnish and platers, for delivery at various east and west coast yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8696, opening September 15.

Calcium Resinate:—600 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 82, opening September 17.

Cement, Liquid Bookbinding:—108 cans; Procurement Division, Veterans Administration, Washington; procurement X-38, opening September 14.

Cleaning Powder:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, Second and Arsenal streets, St. Louis, Mo.; circular 25, opening September 14.

Drugs and Chemicals:—Supplies of for Chicago and Perry Point; Procurement Division, Veterans Administration, Washington; procurements 101 and 106, opening September 11, and procurement 110, opening September 15.

Supplies of; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement 5666-SP, opening September 8.

Supplies of for Chicago and Perry Point; Procurement Division, Veterans Administration, Washington; procurement 105, opening September 11.

Dyes, Household:—7,720 packages for Perry Point; Procurement Division, Veterans Administration, Washington; procurement X-36, opening September 11.

Enamel, Interior:—1,160 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Enamel, Quick-drying:—500 gallons; Quartermaster, Fort Myer, Va.; circular 6, opening September 11.

Fertilizer:—Supplies of for Mississippi, Florida, and South Carolina; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 7035; opening September 11.

Lacquer, Brushing:—84 cans; Procurement Division, Veterans Administration, Washington; procurement X-37, opening September 14.

Lacquer, Thinner:—48 quart cans; Procurement Division, Veterans Administration, Washington; procurement X-37, opening September 14.

Linseed Oil, Raw:—15,528 pounds; Bureau of Supplies and Accounts, Navy Department, Washington, for eastern and western yards; schedule 8745, opening September 22.

300 gallons; Quartermaster, Fort Myer, Va.; circular 6, opening September 11.

Marine Glue:—210 gallons; Supply Officer, Navy Aircraft Factory, Navy Yard, Philadelphia; requisition 623 Aero; opening September 8.

Mayonnaise:—Supplies of for various deliveries:—Contracting Officer, Quartermaster Corps, Second and Arsenal streets, St. Louis, Mo.; circular 25, opening September 14.

Paint, Cold-water:—5,040 pounds; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Paint, Eggshell:—150 gallons; Quartermaster, Fort Myer, Va.; circular 6, opening September 11.

Paint, Outside:—9,760 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

1,718 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Paint, Iron Oxide:—100 gallons; Quartermaster, Fort Myer, Va.; circular 6, opening September 11.

Paint, Oil:—7,070 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Paint Thinner:—790 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Petrolatum, Liquid:—5,000 gallons for Chicago; Procurement Division, Veterans Administration, Washington; procurement 85, opening September 10.

Petrolatum, Yellow:—270 pounds for Perry Point; Procurement Division, Veterans Administration, Washington; procurement 86, opening September 15.

Plaster Primer and Sealer Paint:—240 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Red Lead:—900 pounds; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Scouring Powder:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, Second and Arsenal streets, St. Louis, Mo.; circular 25, opening September 14.

Shellac:—430 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Soap, Hand Grit:—125 boxes; U. S. Engineer Office, P. O. box 97, Memphis, Tenn.; circular 73, opening September 9.

24,000 cakes; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Soap, Laundry:—350 boxes; U. S. Engineer Office, P. O. box 97, Memphis, Tenn.; circular 73, opening September 11.

Soap, Powder:—250 cases; U. S. Engineer Officer, P. O. box 97, Memphis, Tenn.; circular 73, opening September 9.

Spices:—Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; circular 10, opening September 14.

Stain, Interior:—485 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Starch, Laundry:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, Second and Arsenal streets, St. Louis, Mo.; circular 25, opening September 14.

Tooth Paste:—Supplies of for various deliveries; Contracting Officer, Quartermaster Corps, Second and Arsenal streets, St. Louis, Mo.; circular 25, opening September 14.

Trinotrophenylmethylnitramine: — 10,100 pounds; Bureau of Supplies and Accounts, Navy Department, Washington for Dover; schedule 8749, opening September 16.

Wax, Liquid:—485 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

White Lead:—30,200 pounds; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

White Lead, In Oil:—5,500 pounds; Quartermaster, Fort Myer, Va.; circular 6, opening September 11.

Wood Paste Filler:—800 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement RA-512, opening September 14.

Zinc Oxide:—1,500 pounds; Quartermaster, Fort Myer, Va.; circular 6, opening September 11.

Contracts Awarded

Asphalt Varnish:—500 gallons; award to the Central Paint & Varnish Works, at 53 cents a gallon, by the General Purchasing Agent, Panama Canal, Washington, requisition R20778-A-21, opened August 21.

Chlorine, Liquid:—90,000 pounds; award to the Sunshine Soda Company, at 2.78 cents a pound, by the U. S. Engineers, Washington; circular 7, opened July 29.

Paint:—250 pounds; award to the Industrial Paint Company, at 8.98 cents a pound, by the Procurement Division, Treasury Department, Washington; procurement 425-S, opened July 27.

Pigments:—24,000 pounds; award to the H. B. Davis Company, at 8.2 cents a pound, by the Procurement Division, Treasury Department, Washington; procurement 426-S, opened July 27.

Scouring Powder:—42,000 pounds; award to Armour & Co., at 11.5 cents a pound, by the Procurement Division, Treasury Department, Washington; procurement 489-S, opened August 5.

Shingle Stain:—Supply of; award to Carman & Carman, at $1,584.87, by the Procurement Division, Treasury Department, Washington; procurement RA-38, opened July 8.

Soap:—8,000 cakes; award to Day & Frick Company, at 2.2 cents a cake, by the Procurement Division, Treasury Department, Washington; procurement 489-S, opened August 5.

80,000 pounds; award to the John T Stanley Company, at 6.05 cents a pound, by the Procurement Division, Treasury Department, Washington; procurement 489-S, opened August 5.

150,000 cakes; award to Armour & Co., at 2.54⅝ a cake, by the Procurement Division, Treasury Department, Washington; procurement 489-S, opened August 5.

Soap, Toilet:—8,000 gallons; award to the Peebles Chemical Company, at 17.4 cents a gallon, by the Procurement Division, Treasury Department, Washington; procurement 418-S, opened July 30.

Soda Cyanide:—1,000 pounds; award to E. I. duPont deNemours & Co., at 15.66 cents a pound, by the Frankford Arsenal, Pa.; procurement 36, opened August 14.

Trisoda Phosphate:—135,000 pounds; award to the Interboro Chemical Company, at 1.65 cents a pound, by the Procurement Division, Treasury Department, Washington; procurement 418-S, opened July 30.

Varnish:—1,000 gallons; award to the Varcraft Works, at 92.4 cents a gallon, by the Procurement Division, Treasury Department, Washington; procurement 428-S, opened July 27.

Wax, Floor:—3,600 pounds; award to the Baltimore Paint & Color Works, at 11.5 cents per pound, by the Procurement Division, Treasury Department, Washington; procurement 490-S, opened August 5.

New York Paint, Varnish & Lacquer Association will hold its first meeting of the Fall season, September 24, at the Hotel Biltmore. Dinner will be served at 6:30 o'clock. Thomas F. Brennan, chairman of the program-entertainment committee, promises a special surprise.

Business Opportunities

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

MANUFACTURER or producer any product or material, domestic or imported, desiring sales in New York area. Capable Gentile sales force will get results. Best references. Please write fully. H. G., 1001 Raymond Commerce Building, Newark, N. J.

Agents Wanted

EUROPEAN HOUSE supplies—Sodium Silico Fluoride, Bleaching Powder, and wants Agents and Buyers. BOX 604, Oil, Paint and Drug Reporter.

Capital Wanted

WANTED—A live wire with capital to market a hair tonic that will positively promote the growth of hair and prevent baldness. J. Hanser, 4804 W. Washington boulevard, Milwaukee, Wis.

Equipment Offered

FOR SALE—650-gal. square inconel tank, polished inside; twelve used copper varnish kettles and trucks, one steel kettle and truck, copper and aluminum jacketed kettles. Mandoni Bros., 260 Custer avenue, Jersey City, N. J.

SPRECKLES $10,000,000 Liquidation—6 No. 4 Vallez filters; fifteen Shriver c.i. filter presses, 32" x32", side feed, open delivery, each equipped with 50 chambers; fifty bronze basket centrifugal machines, batteries of three, four, six and eight, 40" baskets; one Swenson triple effect evaporator, 2,000 square feet per effect, copper tubes; one Hersey rotary hot air dryer 3' x 10'; four Oats vacuum pans, 10' to 16'; 150 motors, ½ H.P. to 150 H.P., 3 phase, 60 cycle, 220 volts; complete laboratory and library; 9,000 horsepower boilers, 250 H.P. to 500 H.P., complete with stokers; fifteen Elwell-Parker 4,000 lb. electric industrial trucks; thirty elevators; four pneumatic packing machines for one to five-pound cartons; 100 centrifugal and vacuum pumps, motor, steam and belt drives; ten miscellaneous sized air condensers; 3,000 tons pipe, valves and fittings, 2" x 24"; three 75 kw.d.c. generators, engine driven. The above only partial list. Send for 32-page catalog, also send us full list of your requirements. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, New York. Telephone Yonkers 2400.

Equipment Offered

PEBBLE MILLS, 25, 50, 100, 200 gallons; No. 2 Ball & Jewell rotary cutter; 36-in. iron Shriver filter press; No. 0 Raymond mill; 2-ton Baker electric truck; 42-in. Tolhurst extractor, bottom discharge Edw. W. Lawler, Inc., Dunham avenue and L. V. R. R., Metuchen, N. J.

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 621, Oil, Paint and Drug Reporter.

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms Harvey Equipment Co., 123 Bleecker street, Spring 7-8955.

FOR SALE: one Broughton powder mixer, 1,200 lb. capacity, $125.00; one Blanchard 10A pulverizer, $100.00; in perfect condition. Located in Brooklyn, N. Y. BOX 623, Oil Paint and Drug Reporter.

Factories Offered

FOR SALE or rent, ideal small plant for paint and varnish. Building 50x100, one story, constructed to carry two more floors for future expansion, reinforced concrete, 100% fireproof, completely sprinklered. Adjoining yard concrete surfaced with buried solvent tanks ready for use. Location Long Island City, five minutes from Queensboro and Tri-Boro Bridges. BOX 616, Oil, Paint and Drug Reporter.

BRICK FACTORY, modern one story 50x125, concrete floor, 18' headroom, no columns, yard 60x100. Unrestricted district in Brooklyn near subway. Low rent. The E. L. Kraft Company, Woolworth Building, New York City, Cort. 7-9377.

CALCIMINE and whiting factory located on Long Island City waterfront; approximately 72x230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 622, Oil, Paint and Drug Reporter.

Positions Vacant

TWO AGGRESSIVE Sales Managers—one for New England Division—one for New York Division—must have experience and clientele sulphonated oils, fatty acids and special oil products for industrial trade textile leather and paper mills. BOX 601, Oil, Paint and Drug Reporter.

LACQUER CHEMIST and formulator, one thoroughly experienced in both formulation and production, and capable of taking charge of small plant. Give full particulars, past experience and salary expected first letter. BOX 620, Oil, Paint and Drug Reporter.

SALESMAN with established trade among varnish manufacturers to handle, as additional line on a commission basis, varnish gums for a domestic firm representing first-hand foreign shippers. Please state territory covered and lines handling at present. BOX 627, Oil, Paint and Drug Reporter.

Positions Wanted

GENERAL ASSISTANT for a paint, varnish and enamel manufacturer, all around experience in sales, finance and factory operations, possessing executive ability and also good at all details, nominal compensation. BOX 590, Oil, Paint and Drug Reporter.

TECHNICAL EXPERT in Pharmaceutical Manufacturing, thoroughly competent and reliable. Has held executive positions in the Pharmaceutical field for over 15 years. Services available almost immediately. Write BOX 600, Oil, Paint and Drug Reporter.

COLLEGE CHEMISTRY Professor—Age thirty-three, graduate three universities with doctors degree in chemistry; four languages. Two years industrial chemist, four years teaching analytical chemistry. Now employed but desires industrial research position. Complete record and references sent upon request. BOX 609, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST-EXECUTIVE, age 45, thoroughly experienced in research, plant control and sales management. Highest references and record. Immediately available. State nature of opening and approximate salary in first letter. BOX 614, Oil, Paint and Drug Reporter.

CHEMIST, has developed a new process for bleaching beeswax. Experienced in wax compounding and other wax products; desires permanent position. BOX 615, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST — Having three years' experience in the manufacture, analytical control, and formulating of pharmaceuticals, desires position. Preparations include liquids, ointments, tablets, salts, and suppositories. Registered pharmacist. BOX 617, Oil, Paint and Drug Reporter.

INDUSTRIAL CHEMIST — Graduate of University of Chicago. Industrial experience in research, formulation, and control of lacquers and synthetic enamels. Research and development experience in celluloid, nitrate film, and other nitrocellulose products. Available immediately. Location immaterial. BOX 618, Oil, Paint and Drug Reporter.

DO YOU purchase chemicals? My twelve years experience, sales and technical service of heavy, fine, pharmaceutical chemicals with leading manufacturers plus earnest intelligent determination will be given you to maintain highest efficiency of your purchasing department. Graduate chemist, age 35, married. Now located in New York City but will go anywhere. BOX 619, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST (B.S.) with four years' experience in prescription and analytical work. BOX 624, Oil, Paint and Drug Reporter.

ANALYTICAL and research chemist has worked in commercial medical laboratories. Drugs, antiseptics and cosmetics. BOX 625, Oil, Paint and Drug Reporter.

MANUFACTURING CHEMIST who has specialized in colloids, waterproof binders, polishes and soaps. BOX 626, Oil, Paint and Drug Reporter.

Surplus Stocks

CHECK INVENTORIES.—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY — SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ¼" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
3—Day Pony Mixers, 8, 15 and 40 gals.
4—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0800
Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

"Hard-To-Get" Unusual Equipment
Can Usually Be Found at F. M. C.

Here are a few items on our current list

1—Burrell Size No. 1 Homogeniser.
3—Sharples motor driven Centrifuges.
1—Orange Washing, Reaming, and Splitting Machine.
1—50 gal. agitated Autoclave — 500 lb. pressure.
2—Devine No. 11, 17-shelf Vacuum Dryers.
1—Devine 40 x 96 in. double drum atmos. Dryer.
1—Devine 4 ft. x 9 ft. single drum Dryer.
2—Gould 10¼ x 16 ft. Triplex Pumps—600 GPM.
2—Shriver 30 in. iron plate and frame, corner feed, closed delivery Filter Press.
1—7 ft. x 100 ft. Rotary Kiln with Gas Furnace.
2—Rotary Filters, 6 ft. diam. x 3 ft. face.
1—Zaremba double effect Evaporator, with salt filter.
3—Albright Nell 4 x 9 ft. Cooling or Flaking Rolls.
2—Pfaudler 500 gal. O. T. Jacketed Kettles. New.
10—Vertical 8 ft. x 12 ft. open and closed Processing Tanks, with coils, agitators, etc.

Send for Illustrated Broadside Just Out
EVERY MACHINE BEARS THE F. M. C. GUARANTY

FIRST MACHINERY CORP.
419 Lafayette Street
New York City — GRamercy 7-6622

REBUILT MACHINERY — MODERN • GUARANTEED

BARGAIN SPECIALS

Lehman and National 3 roll Roller Mills, horizontal and vertical type.
National 5 roll Roller Mills.
Robinson 16-inch motor driven attrition mill.
Drug Mills, putty chasers, also a complete stock of rebuilt, guaranteed machinery.

Write or Wire Collect For Prices and Information

UNION STANDARD EQUIPMENT CO.
318 Lafayette Street, New York, N. Y.

Percy C. Magnus, president of the New York Board of Trade, and Magnus, Mabee & Reynard, was one of the principal speakers at a "Merchandising Clinic" sponsored by the Davis Brothers Drug Company, Denver, Col., August 18 to 20, in the Cosmopolitan hotel, that city.

Obituaries

(Continued from page 34)

Allister G. Watt

Allister G. Watt, president of the A. G. Watt Company, paint, varnish and lacquer broker, Cleveland, O., died in his home near that city September 1, following an illness of several months. He was forty-six years old. Mr. Watt established his business in 1919, and during his life traveled to many parts of the world and only recently was one of the three Cleveland passengers on the Hindenberg's first flight from this country returning to Germany. Mr. Watt was a 32d degree Mason, a Knight Templar, and a Shriner.

Charles W. Aiken, consulting engineer and a partner in the Houchin Aiken Company, soap machinery manufacturer, Franklin, N. H., died September 1, in a hospital in Franklin, of a heart attack. He was sixty-seven years old.

Henry Feldman, partner in the hair-dyes firm of M. Damshinsky & Co., this city, died August 31 in his home in Summit, N. J. He was sixty-six years old. Mr. Feldman was born in Brooklyn, N. Y., and educated in Switzerland. Surviving are his wife; a daughter, Mrs. Alexander J. Burns, this city, and two sons, Herbert Feldman, Bloomfield, N. J., and Alfred Feldman, Milwaukee.

Charles H. Stearns, sales engineer for the Shell Petroleum Corporation, Louisville, died August 28 of a heart attack in his home in Indian Hills, a suburb. He was fifty years old.

Index to Advertisements

Advance Solvents & Chemical Corp.... —
Alexander, Jerome.... 42
Allied Industrial Alcohol Corp.... —
American-British Chemical Supplies, Inc.... —
American Can Co.... —
American Chemical Products Co.... —
American Chlorophyll, Inc.... 44
American Cyanamid & Chemical Corp.. 8
American Flange & Mfg. Co.... —
American Fluoride Corp.... —
American Potash & Chemical Corp.... 56
American Seitz Filter Corp.... —
Anaconda.... —
Anderson-Prichard Oil Corp.... —
Apex Chemical Co., Inc.... 50
Atlantic Mutual Insurance Co.... —
Atlantic Refining Co.... —
Aue, F., & Co., Inc.... 43
Austin Co.... —

Baker, J. T., Chemical Co.... 46
Barber Asphalt Co.... 41
Barium Reduction Corp.... 31
Barrett Company.... 36-57
Beck, Koller & Co.... —
Bemis Bro. Bag Co.... —
Benckiser, Joh. A.... 47
Benzol Products Co.... 50
Binney & Smith Co.... 16-41
Bradley, A. J., Mfg. Co.... 40
Brazil Wood Oil Corp.... 43
Brode Corp., The.... 43
Bromund, E. A., Co.... 54
Bruecke, Albert H.... 41
Bureau of Chemistry.... 42
Bush, W. J., & Co., Inc.... —

Calco Chemical Co., Inc.... 39
California Fruit Growers Exchange... 19-48
Campbell, Harry T., Sons, Co.... 40
Carbide & Carbon Chemicals Corp.... 2
Carey, The Philip, Co.... —
Cawood, Richard L., Co.... 40
Chemical Solvents, C. P., Inc.... 66
Chilean Nitrate Sales Corp.... 57
Church & Dwight Co.... 66
Cliffs-Dow Chemical Co.... 1
Collsol Research Laboratory.... 42
Colton, Arthur, Co.... 40
Columbia Alkali Corp.... 13
Commercial Solvents Corp.... 22
Consolidated Products Co., Inc.... 64
Continental Can Co.... —
Crowley Tar Products Co.... 37

Darling & Co.... —
Deep Rock Oil Corp.... —
Diamond Alkali Co.... 33
Dodge & Olcott Co.... —
Doggett, Stanley, Inc.... —
Dow Chemical Co.... 49
Draper Mfg. Co.... 66
Drury, A. C., & Co., Inc.... 31
Dunkel, Paul A., & Co., Inc.... 51
Du Pont de Nemours, E. I., & Co.... 1

Eagle Picher Lead Co.... —
Eastman Kodak Co.... —
Ehrmann-Strauss Co., Inc.... 49
Ekroth Laboratories, Inc.... 42
Electro Bleaching Gas Co.... —
Emery Industries, Inc.... —
Empire Distilling Corp.... —

Falk & Company.... 44
Fezandie & Sperrle.... 38
Filtrol Corp.... —
First Machinery Corp.... 64
Fluorine Products.... 32
Frank-Vliet Co.... —
Franks Chemical Products Co.... —
Fritzsche Bros., Inc.... 53-55

General Amer. Tank Storage & Terminal Co.... —
General Chemical Co.... 34
General Dyestuff Corp.... —
General Electric Co.... 26
General Plastics, Inc.... —
Givaudan-Delawanna, Inc.... —
Gogarty, H. A., Inc.... 59
Grasselli Chemical Co., Inc.... 30
Gray, William S., & Co.... 1
Gray Industrial Laboratories.... 42
Greeff, R. W., & Co., Inc.... 1
Gross, A., & Co.... 43
Gruman, J. B., Co.... 59
Gulf Refining Co.... —
Gunn, Frank R., Co.... 42

Hammond, W. A.... 32
Hammond Paint & Chemical Co.... —
Harshaw Chemical Co.... —
Heekin Can Co.... —
Heyden Chemical Corp.... 47
Hochstadter Laboratories, Inc.... 42
Hopkins, J. L., & Co., Inc.... 51
Horn, Jeffreys & Co.... —
Huber, F., & Co.... 51
Huisking, Chas. L., & Co., Inc.... 50
Hutchinson, D. W., & Co., Inc.... 53

Imperial Oil & Gas Products Co.... —
Imperial Paper and Color Corp.... 41
Independent Mfg. Co.... —
Innis, Speiden & Co.... 65
International Pulp Co.... —
International Smelting & Refining Co.... —
Irvington Smelting & Refining Works... 31

Jackson, L. N., & Co., Inc.... 43
Jones & Laughlin Steel Corp.... 37
Jungmann & Co., Inc.... 31

Kapper, Frederick P., Co.... —
Kentucky Color & Chemical Co., Inc.... 40
Knight, B. H.... 42
Koppers Products Co.... 37
Krebs Pigment & Color Corp.... —

Laning E. M., Co., Inc.... 42
LaWall & Harrisson.... 42
Lewis, John D., Inc.... —
Lueders, Geo., & Co.... 53

Magnetic Pigment Co.... 16
Magnus, Mabee & Reynard, Inc.... 53
Mallinckrodt Chemical Works.... 14
Mathieson Alkali Works, Inc.... —
McCormick & Co., Inc.... 51
McKesson & Robbins, Inc.... —
McNulty, Joseph A.... 40
Mechling Bros. Chemical Co.... 34
Merck & Co., Inc.... 6
Metasap Chemical Co.... —
Meurer Steel Barrel Co., Inc.... —
Miel, George A.... 42
Minnesota Specialty Co., Inc.... 40
Monsanto Chemical Co.... —
Murray & Nickell Mfg. Co.... 51
Mutual Chemical Co. of America.... 38

National Ammonia Co.... 1
National Aniline & Chemical Co.... —
National Lead Co.... —
National Milk Sugar Co., Inc.... 50
National Rosin Oil & Size Co.... 40
Neuberg, William, Inc.... 47
Neville Co.... —
New Jersey Zinc Co.... 24
New York Quinine & Chemical Works Inc.... —
Niacet Chemicals Corp.... 40
Niagara Alkali Co.... 21
Nichols Copper Co.... —
Northwestern Chemical Co.... 54
N. V. Potash Export My, Inc.... —

Oldbury Electro-Chemical Co.... —
Orbis Products Corp.... —
Orthmann Laboratories, Inc.... 42
Osborn, C. J., Co.... 40

Pacific Coast Borax Co.... 1
Pacific Food & Drug Laboratories, Inc.. 42
Pacific Vegetable Oil Corp.... 40
Parsons, M. W.... 40
Pease Laboratories, Inc.... 46
Peek & Velsor, Inc.... 51
Penick, S. B., & Co.... 50
Pennsylvania Refining Co.... 55
Pennsylvania Salt Mfg. Co.... —
Pfaltz & Bauer, Inc.... —
Pfizer, Chas., & Co., Inc.... —
Pittsburg Can Co.... —
Potash Co. of America.... —
Pressed Steel Tank Co.... 65
Procter & Gamble.... 43-47
Purdy, W. S., Co., Inc.... 42
Pure Calcium Products Co.... —

Reilly Tar & Chemical Corp.... 11
Rogers, Henry.... 42
Rolls Chemical Co.... 1
Rosenthal, H. H., Co., Inc.... 50
Ryland, H. C., Inc.... 53

Sadtler, Samuel P., & Sons, Inc.... 42
Schimmel & Co., Inc.... 53
Schwabacher, S., & Co., Inc.... 29-47
Schwarz Laboratories, Inc.... 42
Seil, Putt & Rusby, Inc.... 42
Sharples Solvents Corp.... —
Sherka Chemical Co., Inc.... 48
Sherwood Petroleum Co., Inc.... 55
Skelly Oil Co.... —
Smith, Kline & French Laboratories.... —
Snell, Foster D., Inc.... 42
Solvay Sales Corp.... 32
Sonneborn, L., Sons, Inc.... 66
Southern Alkali Corp.... 32
Southwark Mfg. Co.... —
St. Joseph Lead Co.... —
Standard Ultramarine Co.... 40
Stauffer Chemical Co.... 32
Stillwell & Gladding.... 42
Stokes, F. J., Machine Co.... —
Stroock & Wittenberg Corp.... 25

Taintor Trading Co.... —
Tamms Silica Co.... —
Tennessee Corp.... 31
Texas Gulf Sulphur Co., Inc.... —
Thompson-Hayward Chemical Co.... 31
Thurston & Braidich.... 51
Titanium Pigment Co., Inc.... —
Todd, A. M., Co.... 54
Turner, Joseph & Co.... 31

Ultramarine Co.... —
Union Carbide & Carbon Corp.... 2
Union Standard Equipment Co.... 64
United Clay Mines Corp.... 40
U. S. Industrial Alcohol Co.... 9-10
U. S. Industrial Chemical Co.... 9-10
U. S. Phosphoric Products Corp.... 31
United States Potash Co., Inc.... 57

Vanderbilt, R. T., Co., Inc.... —
Victor Chemical Works.... 34
Vitab Products Inc.... 66
Vorce, L. D.... 42

Wackman Welded Ware Co.... —
Wecoline Products Inc.... 44
Werk, The M. Co.... 43
Wiley & Co., Inc.... 42
Will & Baumer Candle Co.... —
Williams, C. K., & Co.... —
Wishnick-Tumpeer, Inc.... 18
Woburn Degreasing Co. of N. J.... —
Wolf, Jacques & Co.... 54
Wyodak Chemical Co.... —

Where GOOD GUMS and WAXES are made STILL BETTER

ISCO REFINED WAXES

Carnauba . . .
Candelilla . . .
in FLAKE form

ISCO GUM ARABIC
KARAYA
TRAGACANTH
LOCUST BEAN GUM

● All these products are prepared in our own plant in Jersey City. This plant is equipped with the most up-to-date apparatus for the cleaning and milling of gums and for refining waxes.

Samples and prices will be sent on request.

INNIS, SPEIDEN & CO.
Manufacturers and Importers
Established 1816
117 Liberty Street New York
BOSTON PHILADELPHIA CHICAGO CLEVELAND and GLOVERSVILLE, N. Y.
FACTORIES: Jersey City, N. Y., Niagara Falls, N. Y.

CLEANABILITY
One of the Reasons why Hackney Containers are chosen by 26 of the Million-Dollar Paint Companies

Removable head bilged type barrel with single bolt closure, for paints, varnishes, lacquers, etc.

Cleanability is a vital factor in a shipping container—and cleanability has been emphasized in the design and construction of Hackney containers.

The Hackney full removable head barrel is pressed from a single piece of steel. There is not a seam or crevice to catch material. The upper rim curls outwardly to facilitate fast and complete emptying.

The Hackney full removable head drum is completely smooth inside. The bottom is brazed into place with a smooth arched chime —without crack or crevice.

Hackney assures a clean container every trip.

Hackney truly earns the preference it enjoys with the country's leading paint companies.

PRESSED STEEL TANK COMPANY
208 So. La Salle Street Building, Room 1143 Chicago, Ill.
6615 Greenfield Ave., Milwaukee, Wis.
1319 Vanderbilt Concourse Building New York, N. Y.
662 Roosevelt Building, Los Angeles, Cal.

Hackney MILWAUKEE

CONTAINERS FOR GASES, LIQUIDS AND SOLIDS

METHANOL (all grades) METHYL ACETONE

CHEMICAL SOLVENTS
Incorporated
11 Park Place Telephone BArclay 7-8615-6-7 New York

WHITE OILS AND PETROLATUMS

For Pharmaceutical, Cosmetic and Industrial Purposes

WHITE MINERAL OILS

KAYDOL U.S.P. HEAVY
ORZOL U.S.P. HEAVY
PURITAN U.S.P. HEAVY
ERVOL U.S.P. LIGHT
BLANDOL U.S.P. LIGHT
CARNATION
KLEAROL

PETROLATUMS U.S.P. "PROTOPET"
ALL TYPES AND GRADES

SPECIALTIES

SONO-JELL—Base for liquefying cleansing creams, pomades, ointments, etc.
TRI-OL —Base for soapless oil shampoos.
DEO-BASE —Deodorized base for insecticide sprays.

L. SONNEBORN SONS, INC.
Refiners of White Oils and Petrolatums
Refineries: Petrolia and Franklin Pa.
New York 88 Lexington Avenue
Los Angeles 215 West 5th Street
Chicago 400 West Madison Street

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA

CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

Security Accuracy

Biological Laboratory

VITAB
VITAMIN B COMPLEX

For SECURITY incorporate VITAB Concentrates in your formulas that contain Vitamin B Complex.

Experience that only painstaking research can give is of utmost importance in correctly evaluating Vitamin Products in terms of International Standard. VITAB PRODUCTS INC., maintains one of the largest biological laboratories in the United States devoted exclusively to Vitamin B Complex work.

Trained technicians are available for assistance to manufacturers.

Descriptive literature on request

VITAB PRODUCTS, INC.
Premier Producers of Vitamin Concentrates
1058 GRAYBAR BLDG.
NEW YORK CITY
San Francisco, Cal. Emeryville, Cal.

DRAPER
STEEL BARRELS and DRUMS

"What the Shipper Puts In the Customer Takes Out"

A well earned reputation among the nation's leading shippers

PUT YOUR SHIPPING CONTAINER PROBLEMS UP TO US

WRITE, PHONE OR WIRE

THE DRAPER MANUFACTURING CO.
CLEVELAND, OHIO

Factory & Main Office
East 91st Street and Crane Ave.
Cleveland, Ohio
Telephone Glenligon 2000

Philadelphia Office
Room 1018, Sun Building
Philadelphia, Pa.
Telephone Kingsley 4372

New York Office
Room 1511, No. 11 Broadway
New York, N. Y.
Telephone Digby 4932